

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012022\
 Data File : VU046817.D
 Acq On : 20 Jan 2022 17:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 01:02:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87744	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	91988	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32865	4.420	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.919	69	28508	4.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.568	65	13726	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.652	46	116989	53.113	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.220%
24) Chloroform-d	5.067	84	65960	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.703	65	36083	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.729	84	127972	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.693	67	40093	4.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.899	98	114474	4.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.182	79	15963	4.478	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.636	63	106288	50.354	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40910	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	44362	4.465	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	50341	6.099	ug/L	100
3) Chloromethane	1.520	50	41985	6.177	ug/L	100
5) Vinyl chloride	1.607	62	42201	5.964	ug/L	98
6) Bromomethane	1.861	94	25150	5.680	ug/L	99
8) Chloroethane	1.938	64	24615	6.043	ug/L	97
9) Trichlorofluoromethane	2.141	101	53177	6.167	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	29762	5.805	ug/L	96
12) 1,1-Dichloroethene	2.584	96	28721	5.862	ug/L	79
13) Acetone	2.674	43	64629	53.948	ug/L	86
14) Carbon disulfide	2.797	76	88034	5.471	ug/L	100
15) Methyl Acetate	2.970	43	13569	5.185	ug/L	98
16) Methylene chloride	3.051	84	32438	5.482	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	74381	5.411	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	29617	5.581	ug/L	97
19) 1,1-Dichloroethane	3.874	63	52820	5.929	ug/L	100
21) 2-Butanone	4.729	43	98048	50.890	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	31857	5.691	ug/L	99
23) Bromochloromethane	4.977	128	15930	5.784	ug/L	92
25) Chloroform	5.092	83	65701	4.646	ug/L	97

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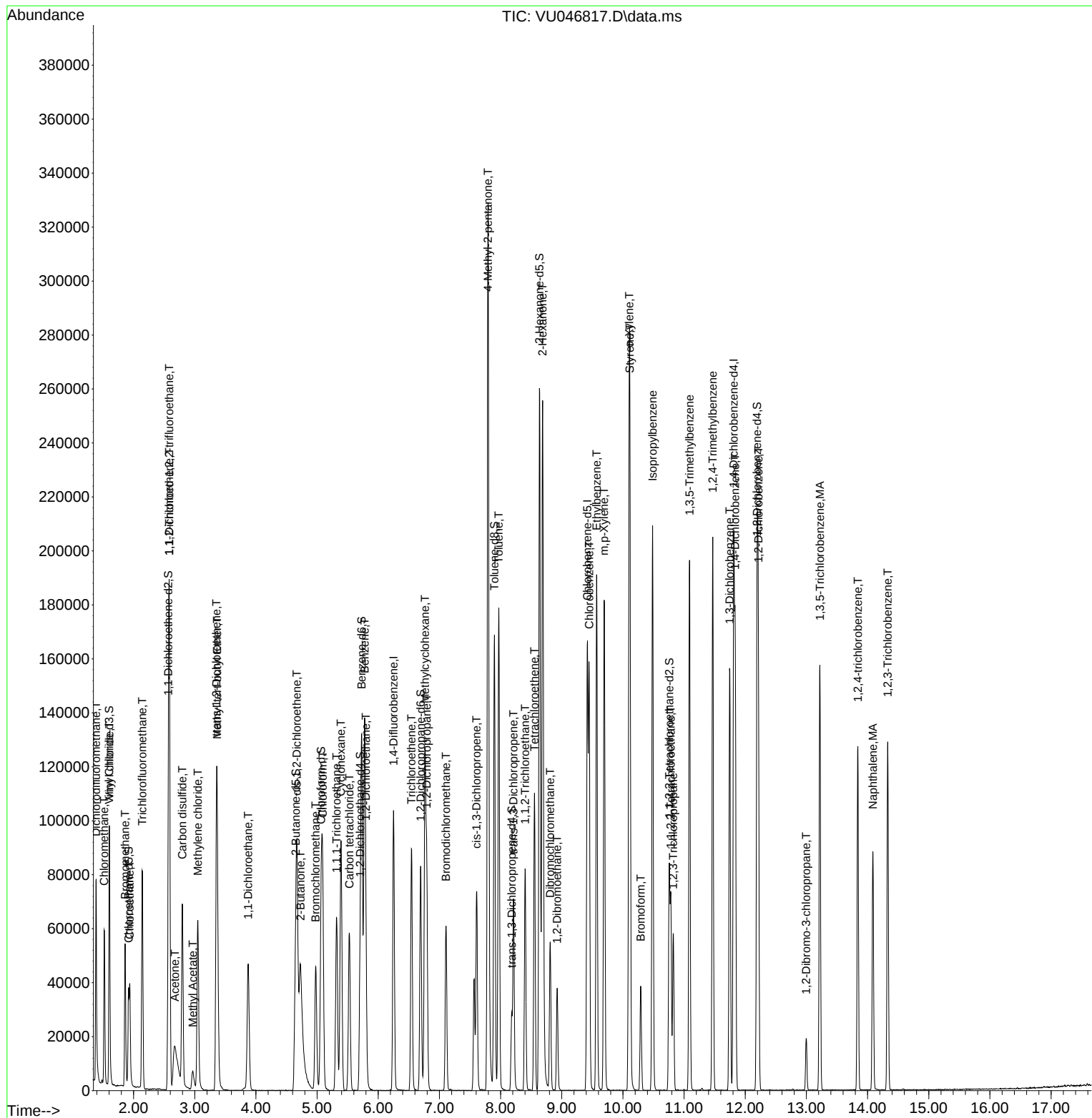
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	38842	6.223	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	48008	5.794	ug/L	97
30) Cyclohexane	5.391	56	45805	5.450	ug/L	97
31) Carbon tetrachloride	5.526	117	41085	5.779	ug/L	99
33) Benzene	5.777	78	123887	5.720	ug/L	100
34) Trichloroethene	6.542	95	31922	5.677	ug/L	99
35) Methylcyclohexane	6.764	83	49436	5.249	ug/L	95
37) 1,2-Dichloropropane	6.793	63	31961	6.016	ug/L	100
38) Bromodichloromethane	7.108	83	41543	5.433	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	44775	5.401	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	216945	55.699	ug/L	94
42) Toluene	7.970	91	133745	5.167	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	40799	5.524	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	25981	5.748	ug/L	95
47) Tetrachloroethene	8.552	164	24503	5.358	ug/L	94
48) 2-Hexanone	8.687	43	164304	55.886	ug/L	94
49) Dibromochloromethane	8.812	129	29733	5.576	ug/L	98
50) 1,2-Dibromoethane	8.925	107	25270	5.516	ug/L	96
51) Chlorobenzene	9.449	112	84145	5.597	ug/L	96
52) Ethylbenzene	9.571	91	134830	5.478	ug/L	98
53) m,p-Xylene	9.693	106	54241	5.529	ug/L	98
54) o-Xylene	10.102	106	52417	5.512	ug/L	99
55) Styrene	10.115	104	87586	5.630	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	33874	5.573	ug/L	98
59) Bromoform	10.291	173	17235	5.283	ug/L	96
60) Isopropylbenzene	10.484	105	137244	5.562	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	25503	5.682	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	108809	5.372	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	112634	5.404	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	65823	5.337	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	66097	5.325	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	64090	5.372	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	5233	5.617	ug/L	87
69) 1,3,5-Trichlorobenzene	13.221	180	49371	5.077	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	38619	4.750	ug/L	99
71) Naphthalene	14.089	128	73636	4.449	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	39074	5.088	ug/L	98

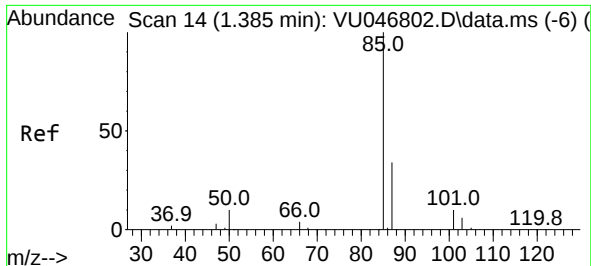
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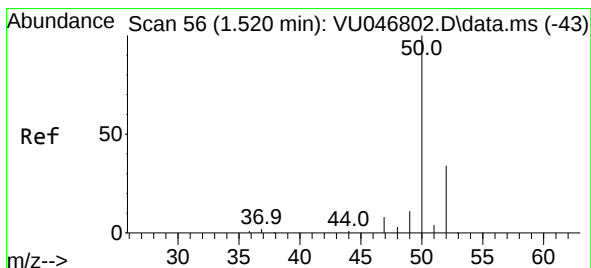
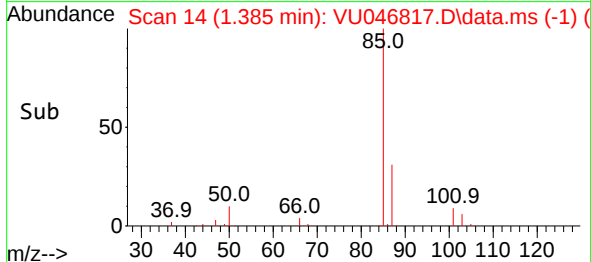
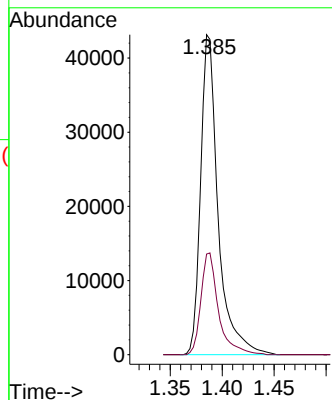
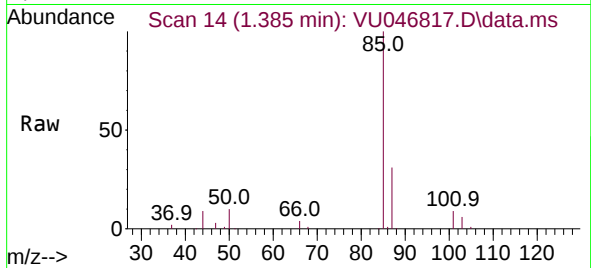




#2
 Dichlorodifluoromethane
 Concen: 6.099 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU046817.D
 Acq: 20 Jan 2022 17:37

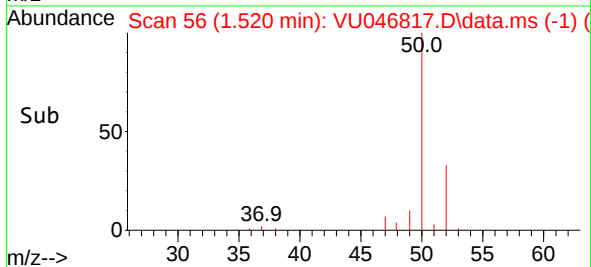
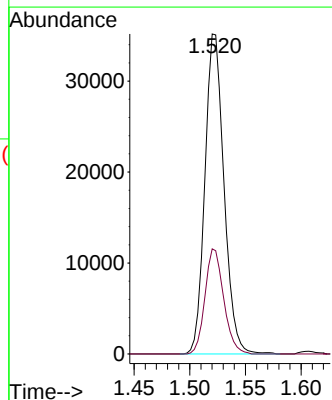
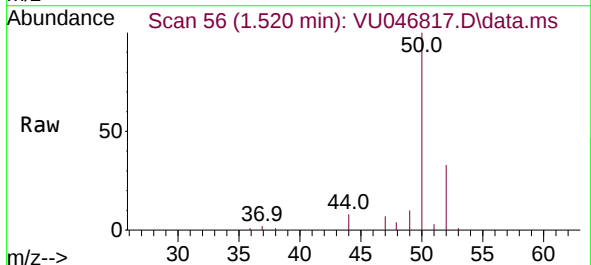
Instrument :
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 ClientSampleId :

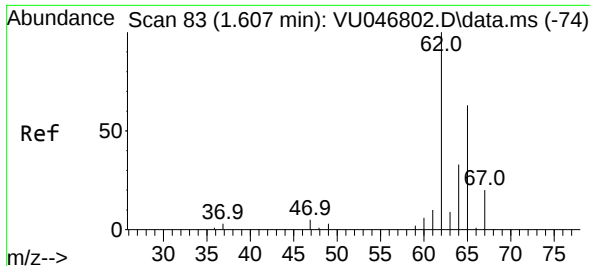
Tgt Ion: 85 Resp: 50341
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.6



#3
 Chloromethane
 Concen: 6.177 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU046817.D
 Acq: 20 Jan 2022 17:37

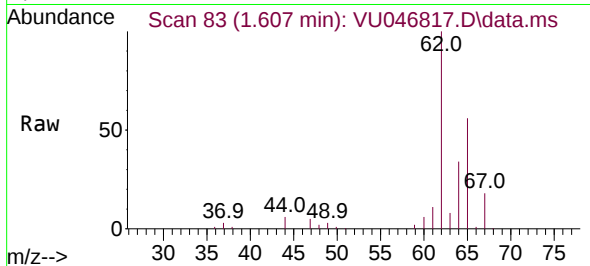
Tgt Ion: 50 Resp: 41985
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8



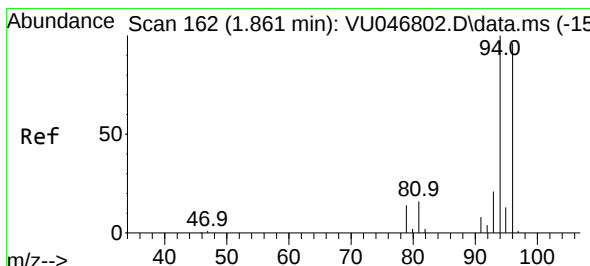
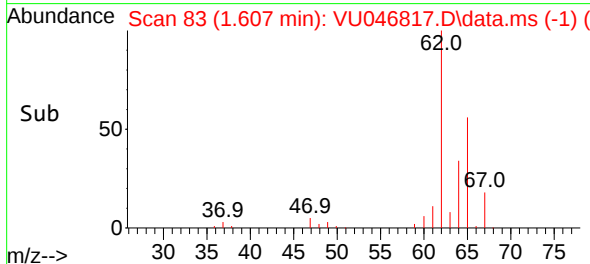
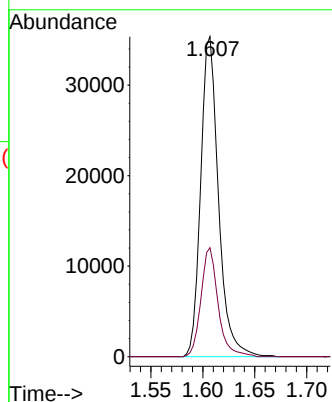


#5
 Vinyl chloride
 Concen: 5.964 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046817.D
 Acq: 20 Jan 2022 17:37

Instrument :
 MSVOA_U
 ClientSampleId :

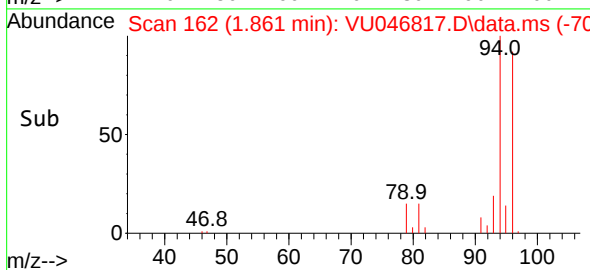
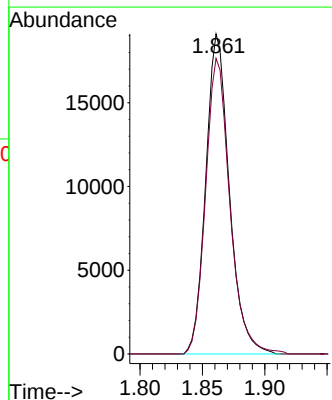
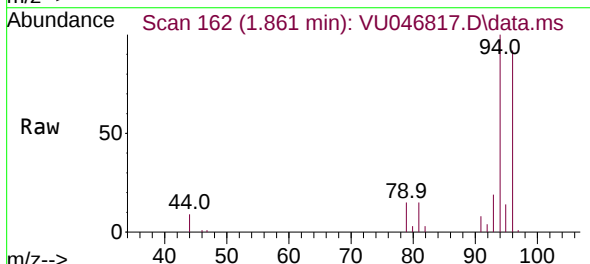


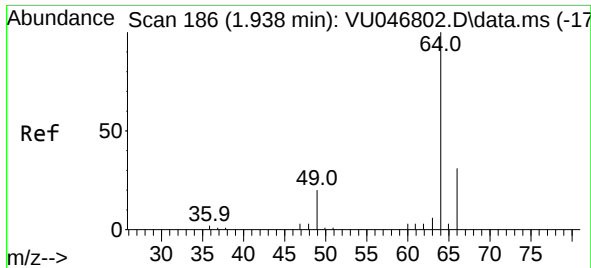
Tgt Ion: 62 Resp: 42201
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.9 42.5



#6
 Bromomethane
 Concen: 5.680 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU046817.D
 Acq: 20 Jan 2022 17:37

Tgt Ion: 94 Resp: 25150
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.5 121.6

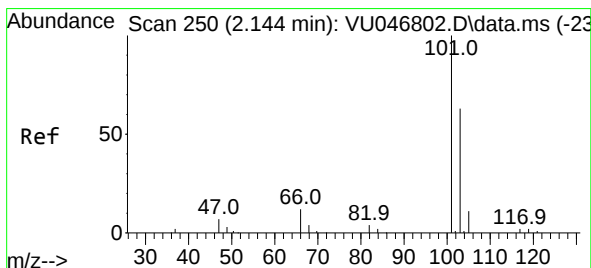
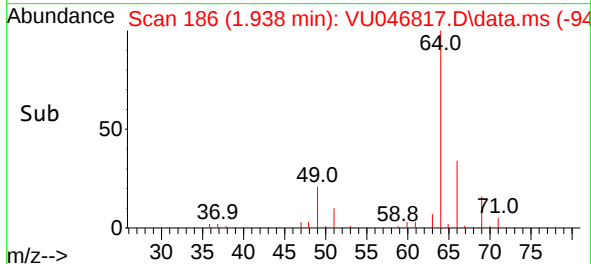
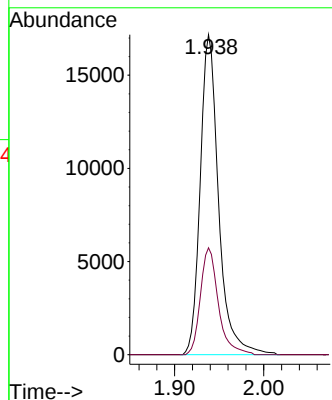
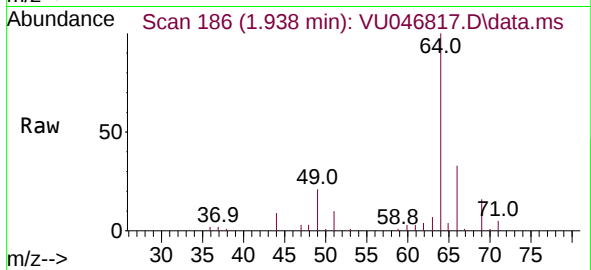




#8
Chloroethane
Concen: 6.043 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046817.D
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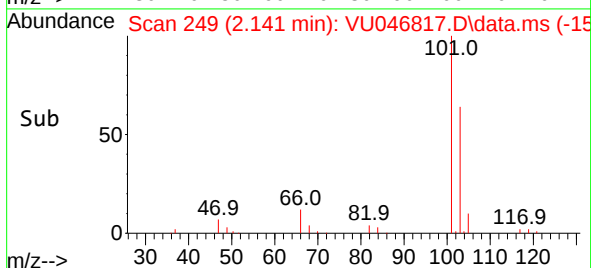
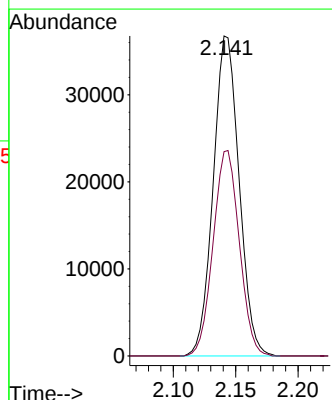
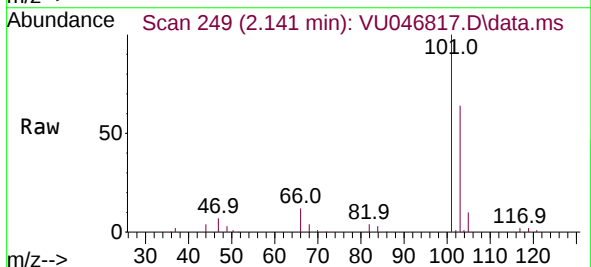
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MSVOA_U
ClientSampleId :

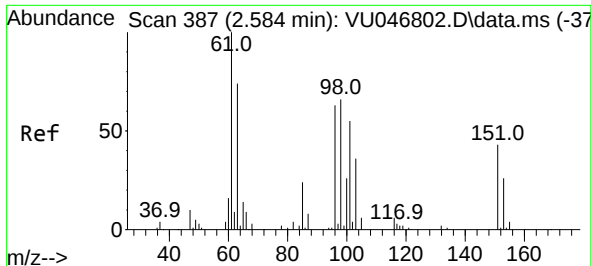
Tgt Ion: 64 Resp: 24615
Ion Ratio Lower Upper
64 100
66 33.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.167 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Tgt Ion:101 Resp: 53177
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

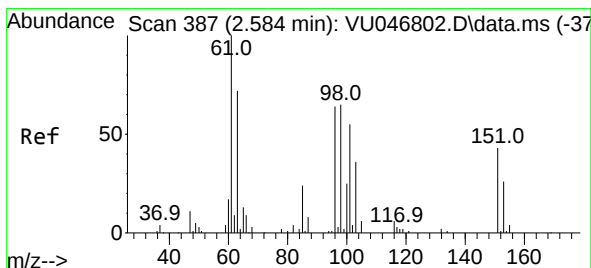
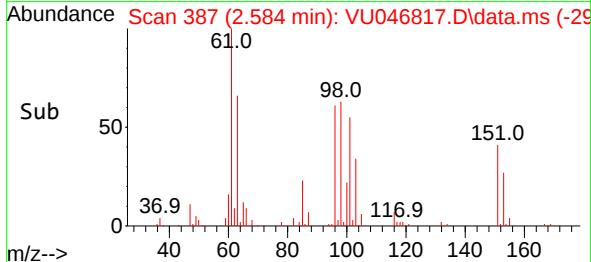
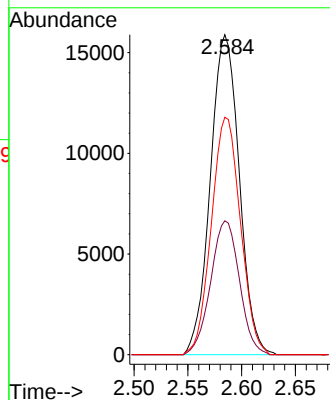
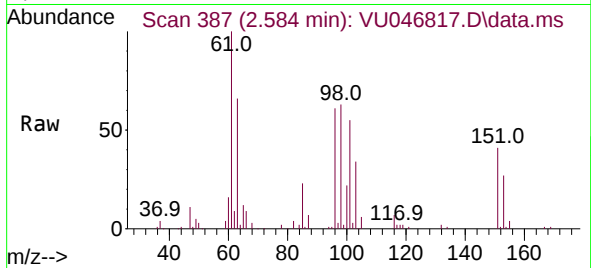




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.805 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046817.D
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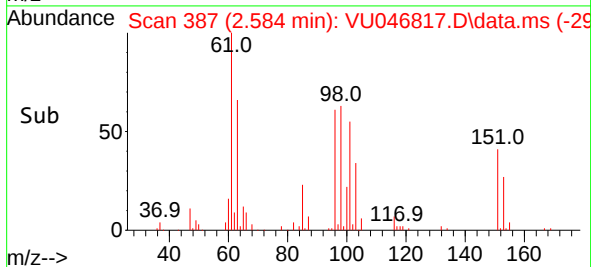
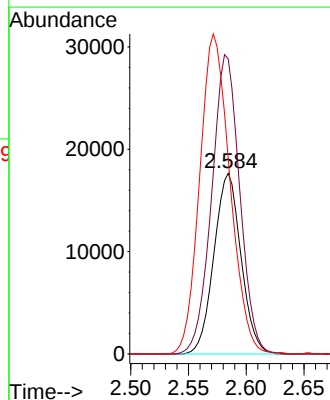
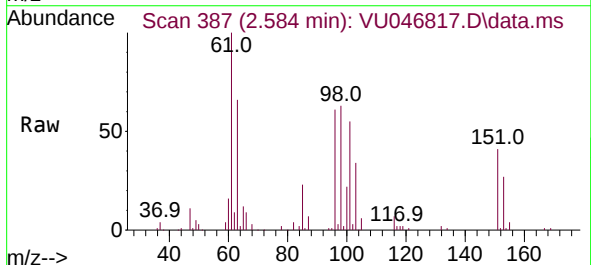
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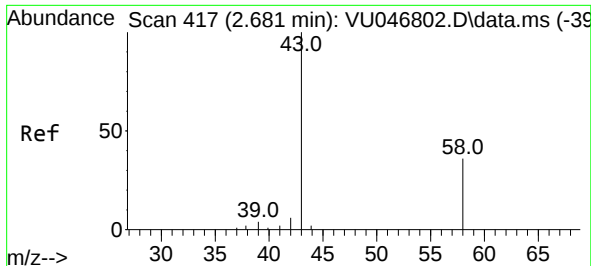
Tgt Ion:101 Resp: 29762
 Ion Ratio Lower Upper
 101 100
 85 41.6 34.6 51.8
 151 74.6 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.862 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046817.D
 Acq: 20 Jan 2022 17:37

Tgt Ion: 96 Resp: 28721
 Ion Ratio Lower Upper
 96 100
 61 163.3 124.7 231.5
 63 108.5 105.2 195.4





#13

Acetone

Concen: 53.948 ug/L

RT: 2.674 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

Instrument :

MSVOA_U

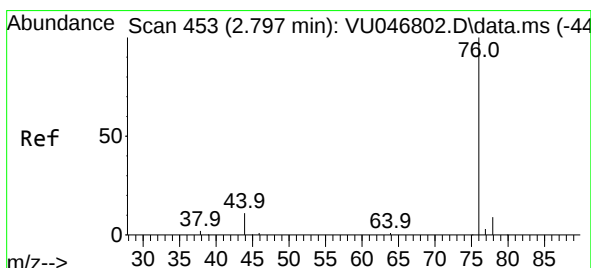
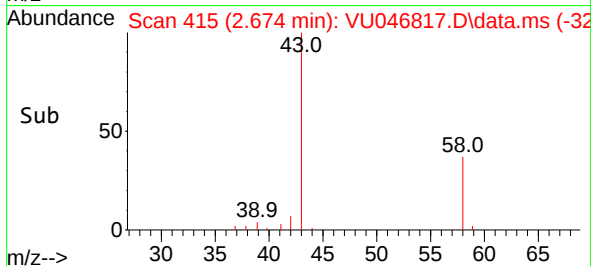
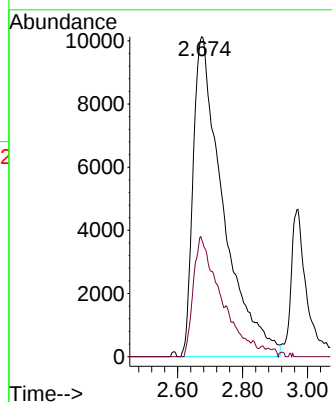
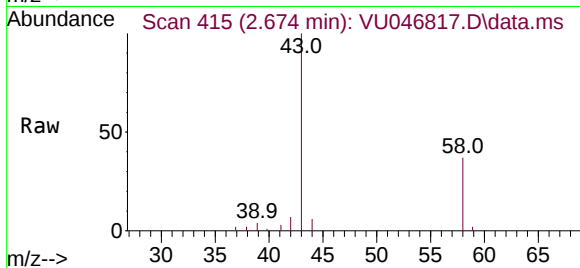
ClientSampleId :

Tgt Ion: 43 Resp: 64629

Ion Ratio Lower Upper

43 100

58 27.6 0.0 71.6



#14

Carbon disulfide

Concen: 5.471 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU046817.D

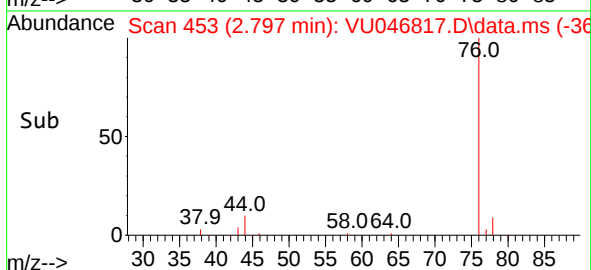
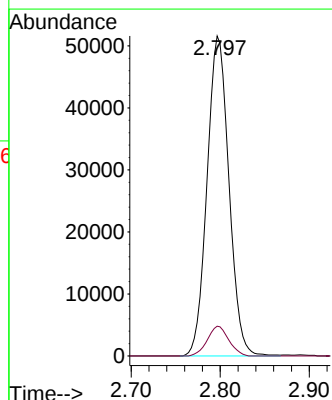
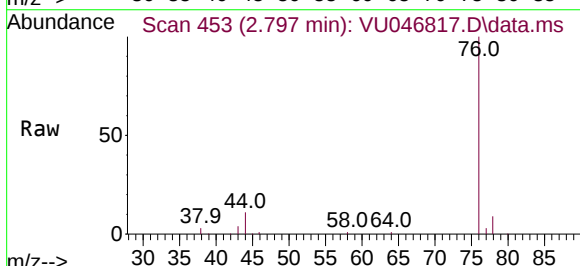
Acq: 20 Jan 2022 17:37

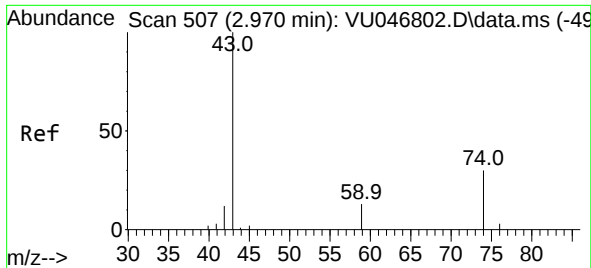
Tgt Ion: 76 Resp: 88034

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

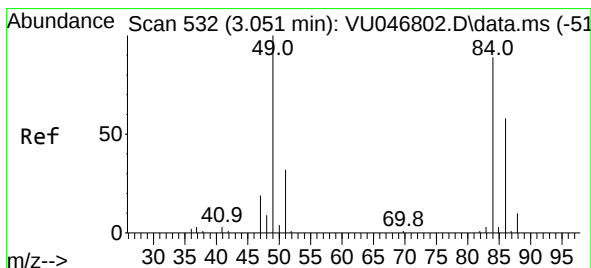
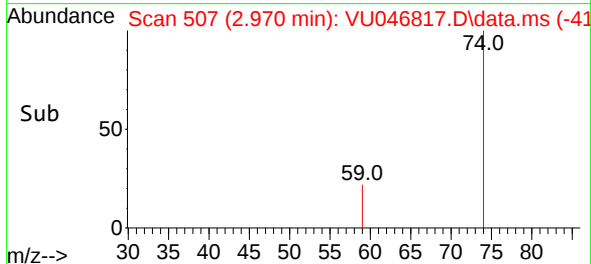
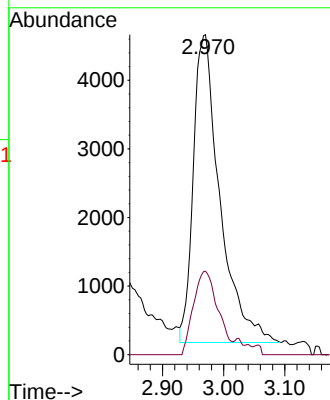
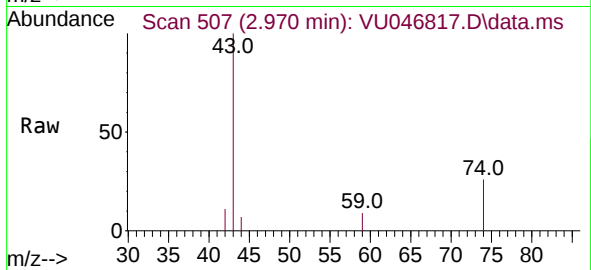




#15
Methyl Acetate
Concen: 5.185 ug/L
RT: 2.970 min Scan# 507
Delta R.T. -0.000 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

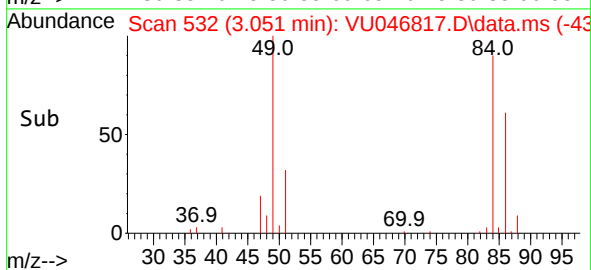
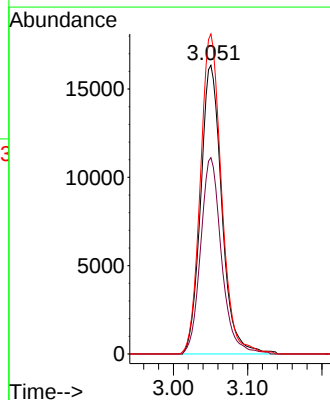
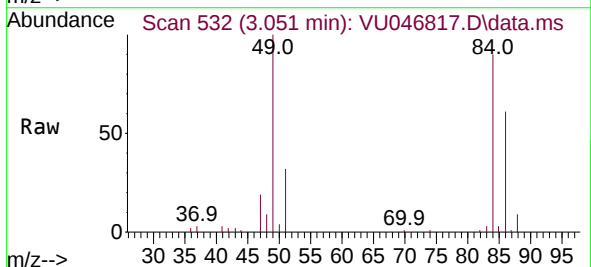
Instrument :
MSVOA_U
ClientSampleId :

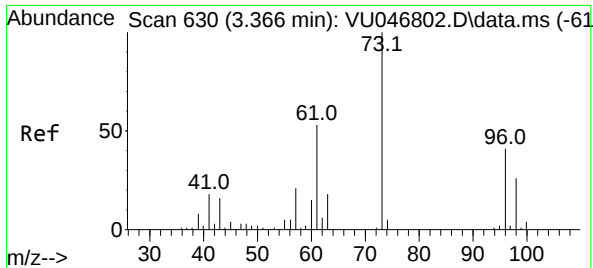
Tgt Ion: 43 Resp: 13569
Ion Ratio Lower Upper
43 100
74 25.1 19.1 28.7



#16
Methylene chloride
Concen: 5.482 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Tgt Ion: 84 Resp: 32438
Ion Ratio Lower Upper
84 100
86 68.0 45.8 85.0
49 110.9 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.411 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

Instrument :

MSVOA_U

ClientSampleId :

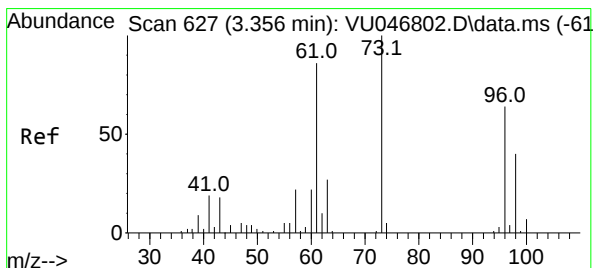
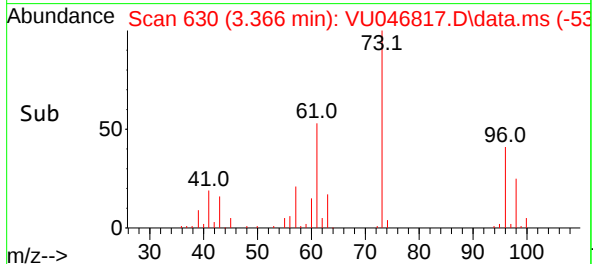
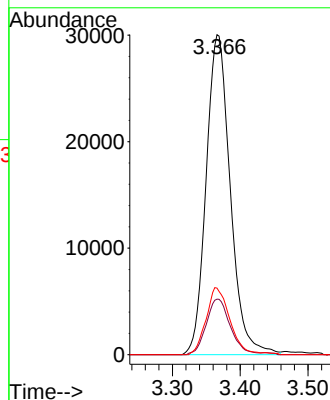
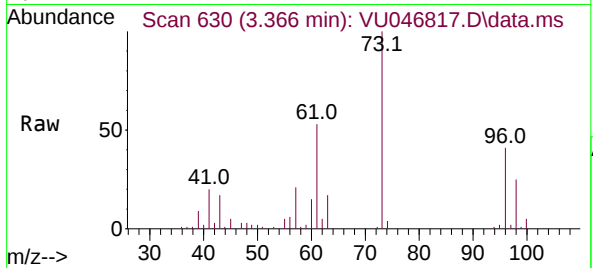
Tgt Ion: 73 Resp: 74381

Ion Ratio Lower Upper

73 100

43 17.3 14.8 22.2

57 20.8 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.581 ug/L

RT: 3.356 min Scan# 627

Delta R.T. -0.003 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

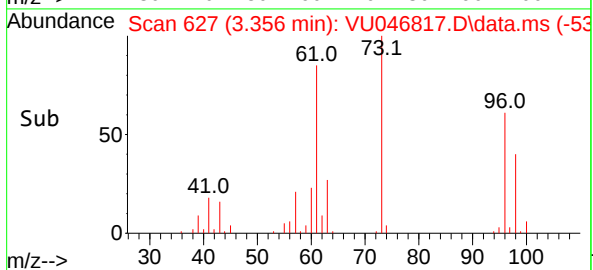
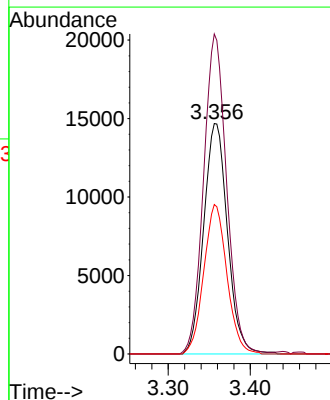
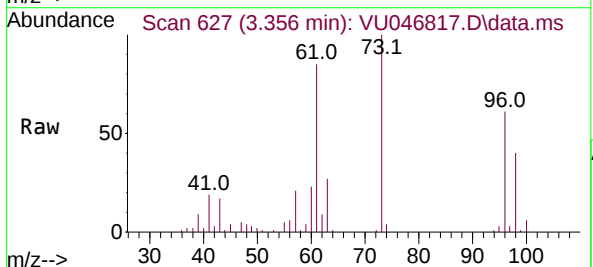
Tgt Ion: 96 Resp: 29617

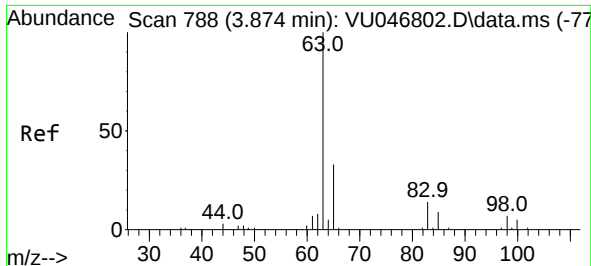
Ion Ratio Lower Upper

96 100

61 138.9 100.8 187.2

98 64.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.929 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

Instrument :

MSVOA_U

ClientSampleId :

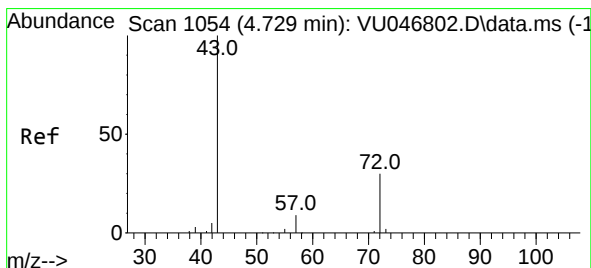
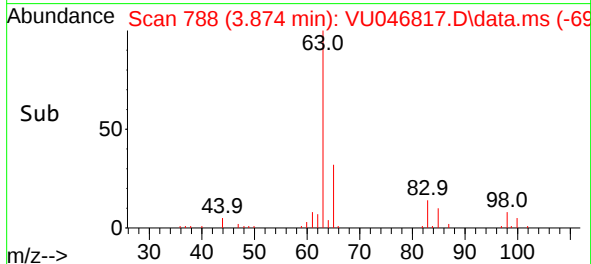
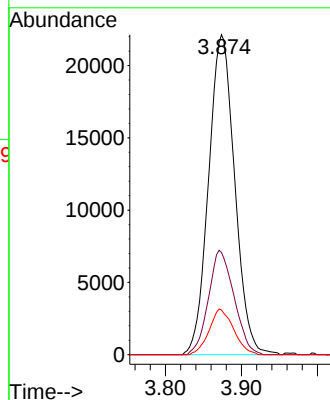
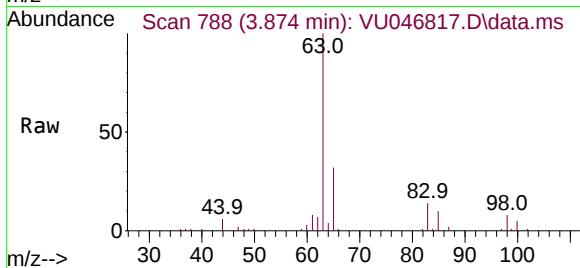
Tgt Ion: 63 Resp: 52820

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 14.0 9.6 17.8



#21

2-Butanone

Concen: 50.890 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. -0.010 min

Lab File: VU046817.D

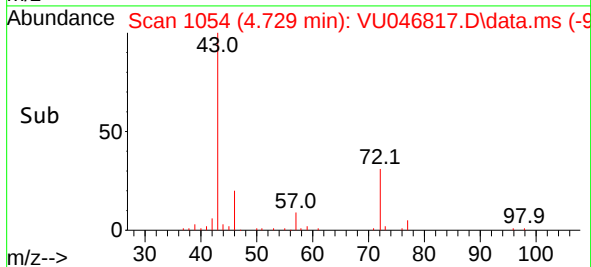
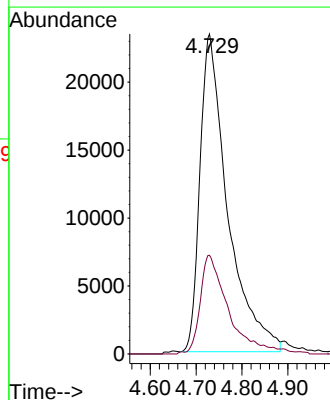
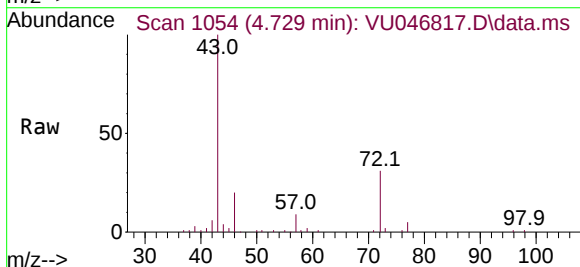
Acq: 20 Jan 2022 17:37

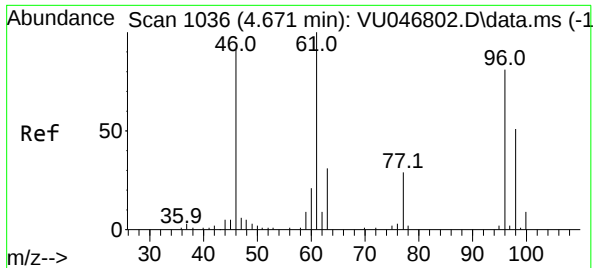
Tgt Ion: 43 Resp: 98048

Ion Ratio Lower Upper

43 100

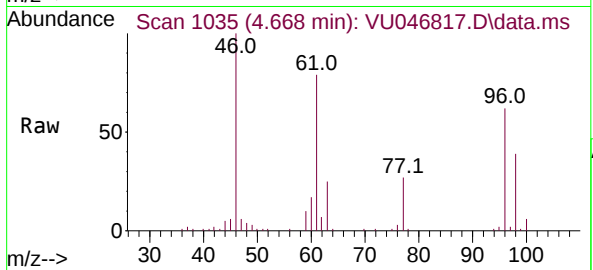
72 28.6 14.1 42.3



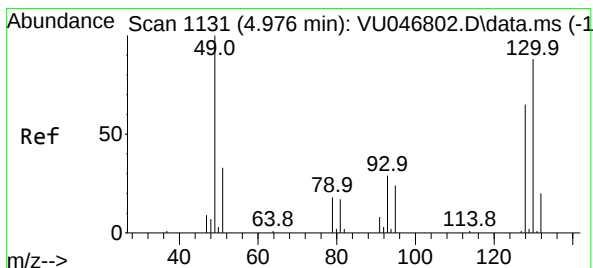
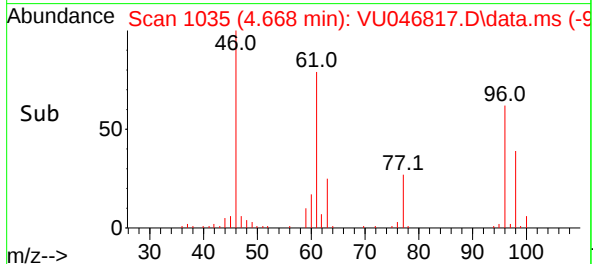
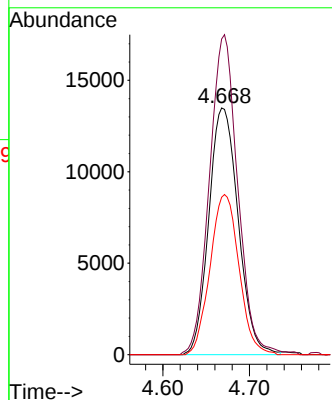


#22
 cis-1,2-Dichloroethene
 Concen: 5.691 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU046817.D
 Acq: 20 Jan 2022 17:37

Instrument :
 MSVOA_U
 ClientSampleId :

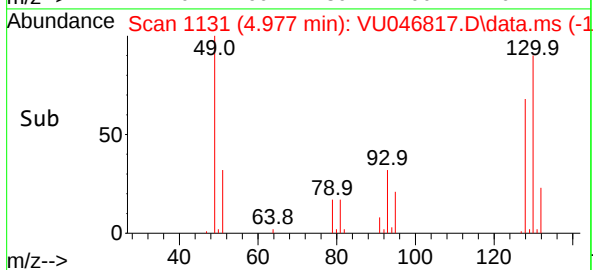
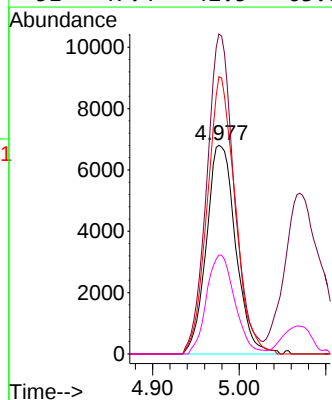
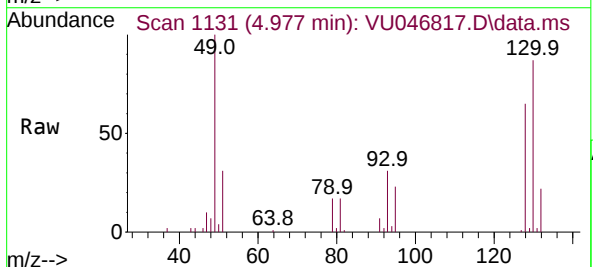


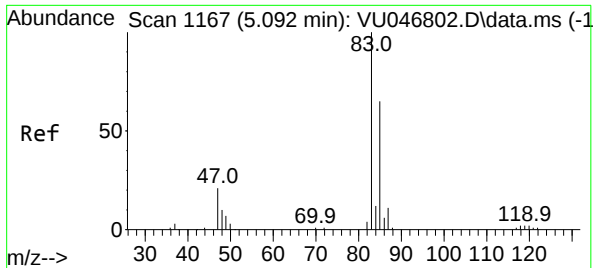
Tgt Ion: 96 Resp: 31857
 Ion Ratio Lower Upper
 96 100
 61 127.9 88.5 164.3
 98 63.8 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.784 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU046817.D
 Acq: 20 Jan 2022 17:37

Tgt Ion: 128 Resp: 15930
 Ion Ratio Lower Upper
 128 100
 49 153.3 117.0 217.2
 130 132.9 88.2 163.8
 51 47.4 42.5 63.7

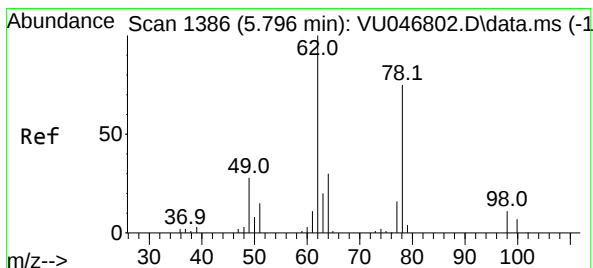
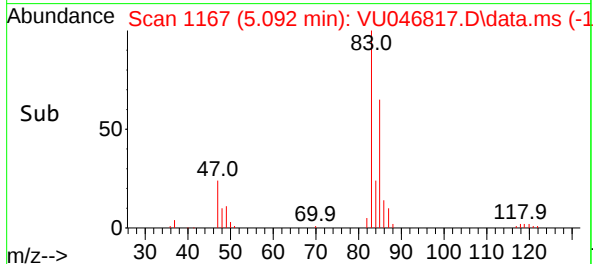
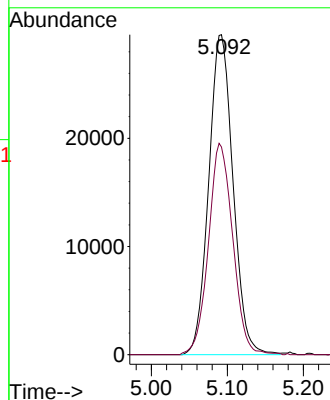
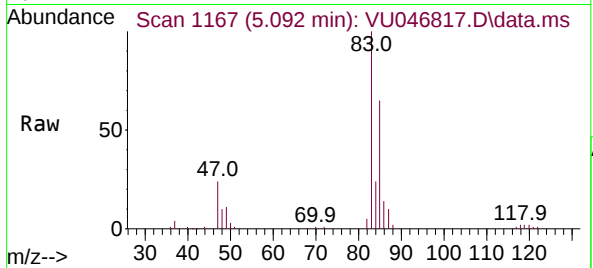




#25
Chloroform
Concen: 4.646 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

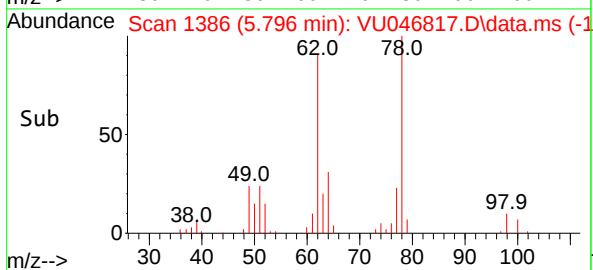
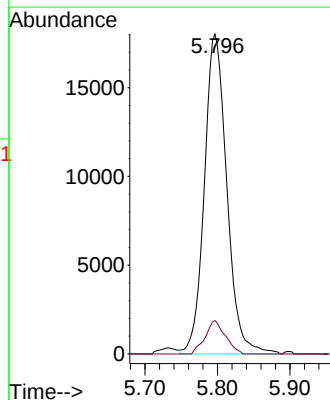
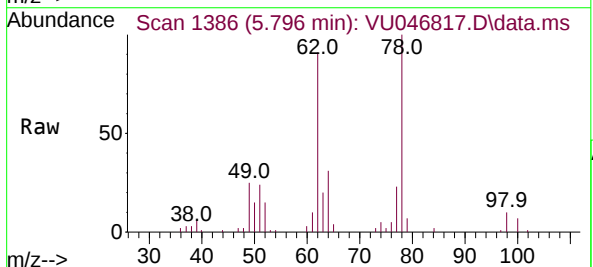
Instrument :
MSVOA_U
ClientSampleId :

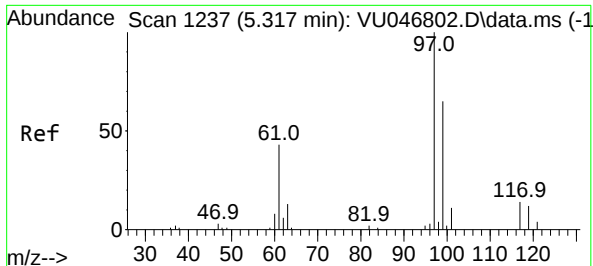
Tgt Ion: 83 Resp: 65701
Ion Ratio Lower Upper
83 100
85 64.9 46.9 87.1



#27
1,2-Dichloroethane
Concen: 6.223 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Tgt Ion: 62 Resp: 38842
Ion Ratio Lower Upper
62 100
98 10.4 7.8 11.8

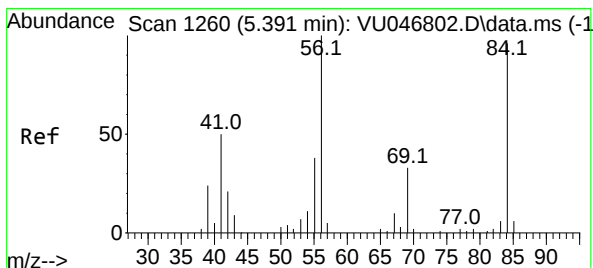
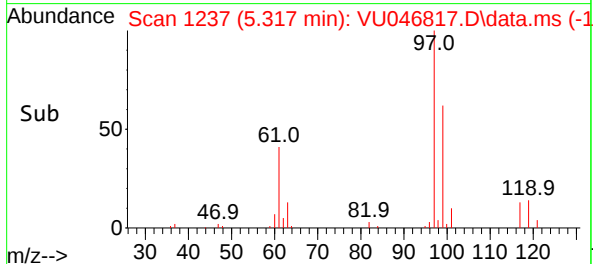
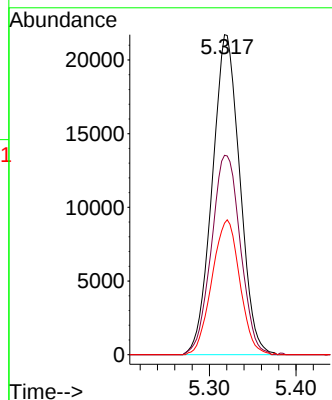
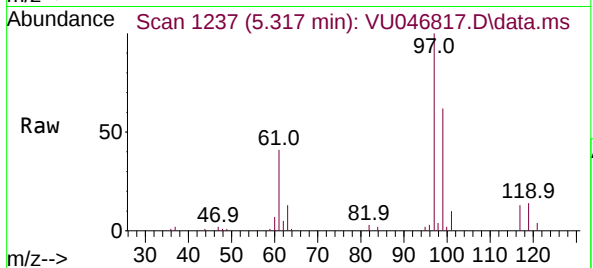




#29
1,1,1-Trichloroethane
Concen: 5.794 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

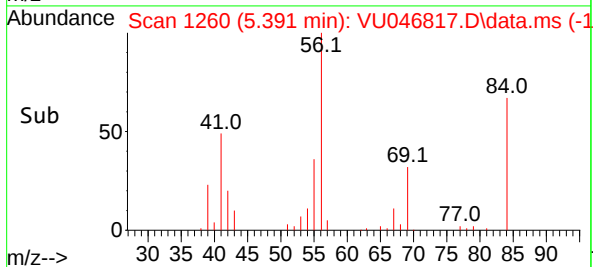
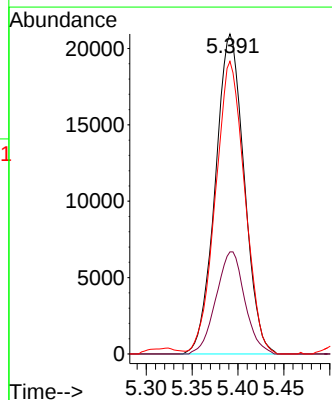
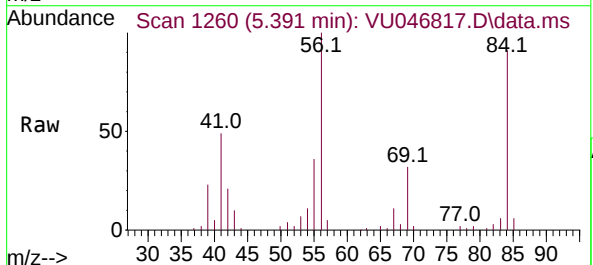
Instrument :
MSVOA_U
ClientSampleId :

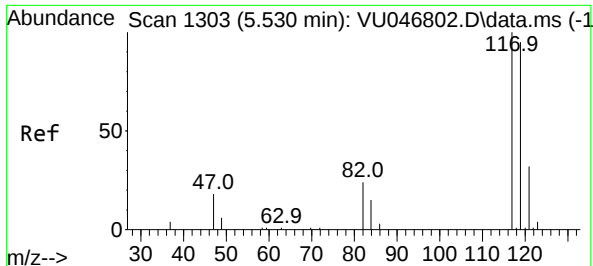
Tgt Ion: 97	Resp: 48008
Ion Ratio	Lower Upper
97 100	
99 65.4	51.3 76.9
61 42.5	36.1 54.1



#30
Cyclohexane
Concen: 5.450 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Tgt Ion: 56	Resp: 45805
Ion Ratio	Lower Upper
56 100	
69 31.8	24.7 37.1
84 92.8	71.8 107.6

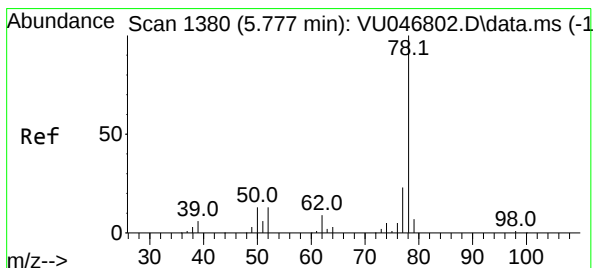
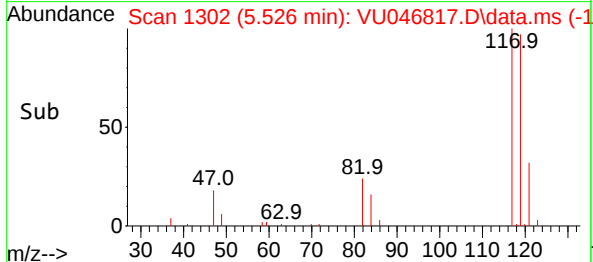
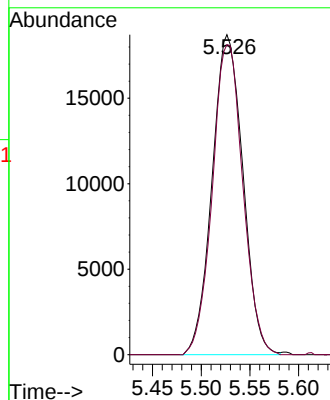
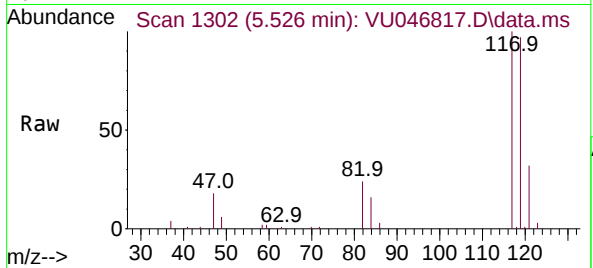




#31
Carbon tetrachloride
Concen: 5.779 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

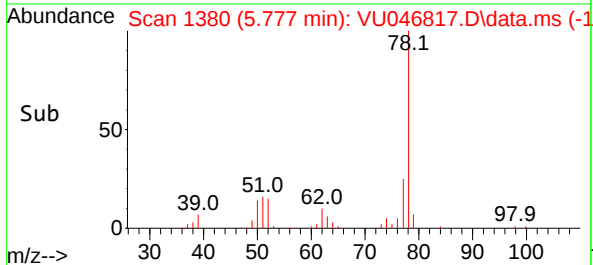
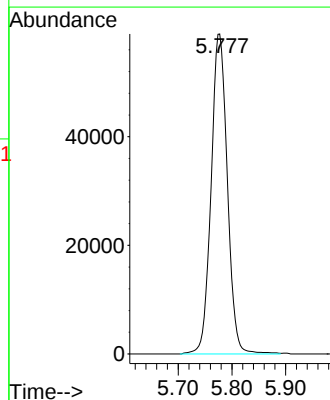
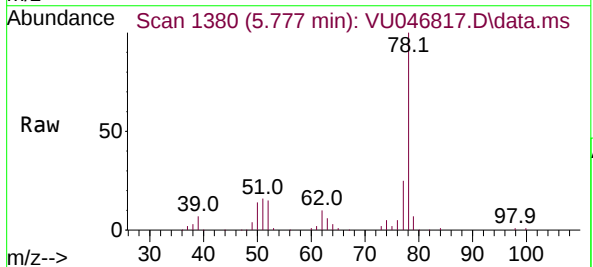
Instrument :
MSVOA_U
ClientSampleId :

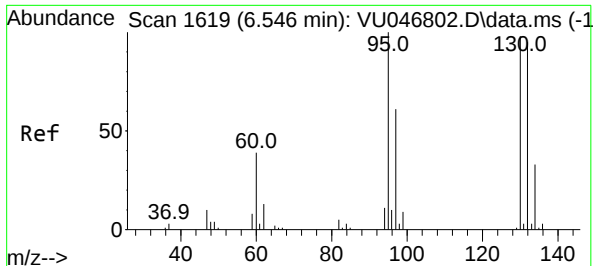
Tgt Ion:117 Resp: 41085
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 5.720 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Tgt Ion: 78 Resp: 123887

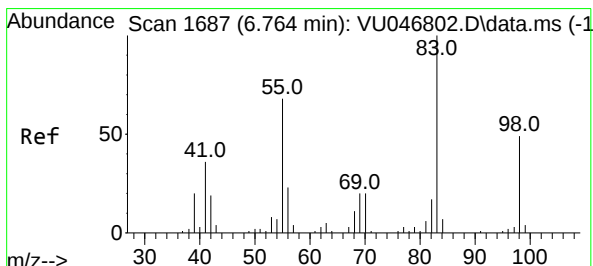
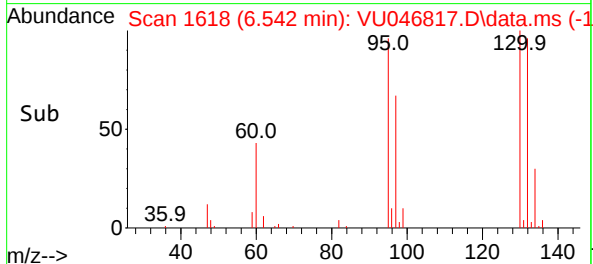
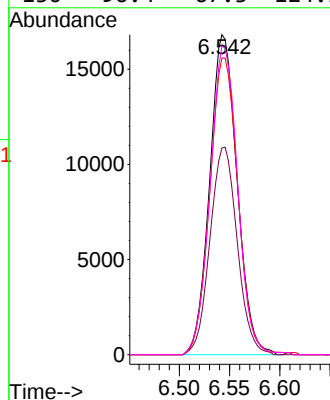
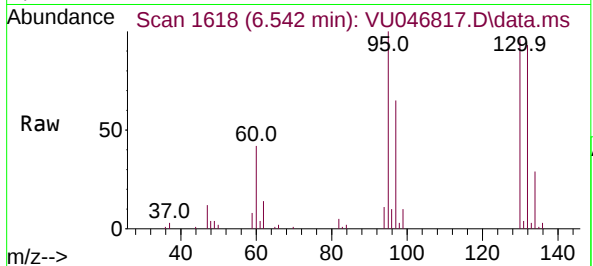




#34
Trichloroethene
Concen: 5.677 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

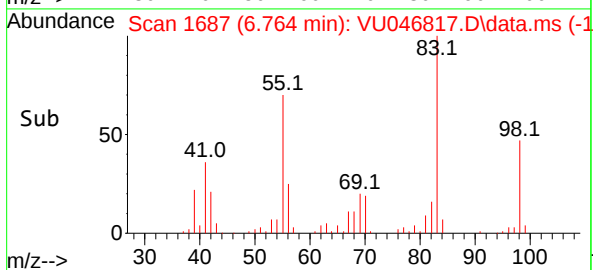
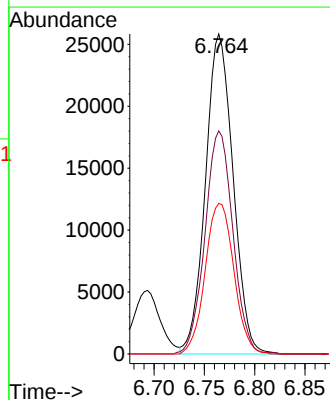
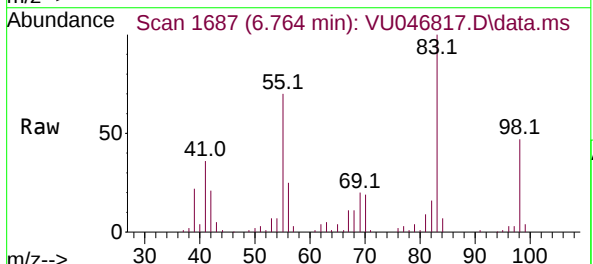
Instrument :
MSVOA_U
ClientSampleId :

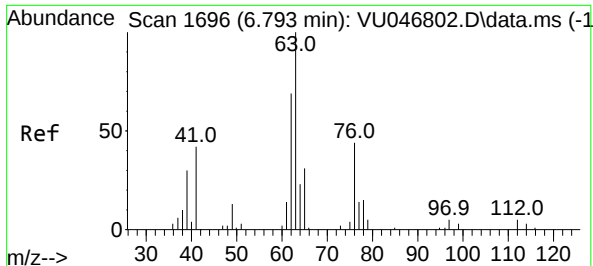
Tgt Ion: 95 Resp: 31922
Ion Ratio Lower Upper
95 100
97 64.6 46.5 86.5
132 92.8 65.1 120.9
130 96.4 67.3 124.9



#35
Methylcyclohexane
Concen: 5.249 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Tgt Ion: 83 Resp: 49436
Ion Ratio Lower Upper
83 100
55 70.5 61.9 92.9
98 48.8 39.0 58.6





#37

1,2-Dichloropropane

Concen: 6.016 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

Instrument :

MSVOA_U

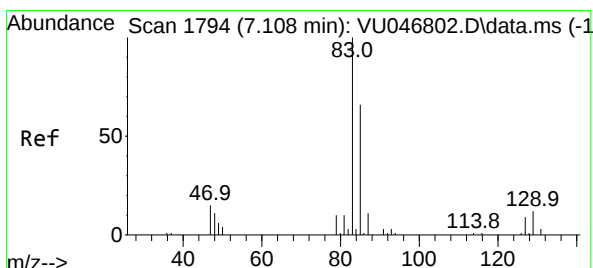
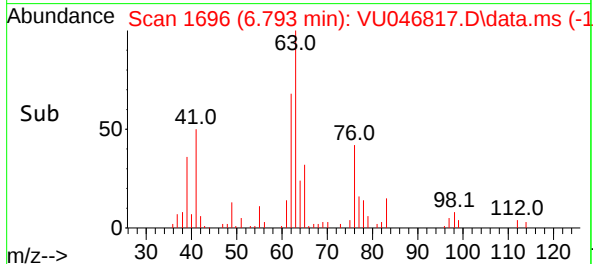
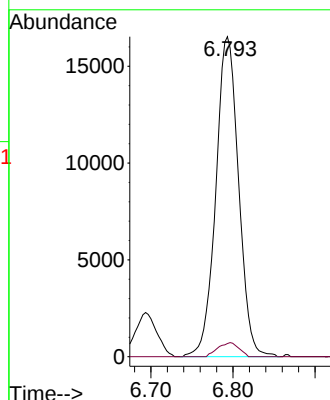
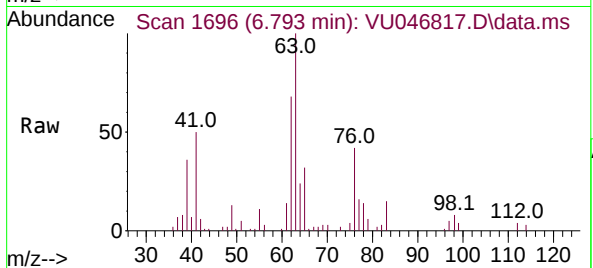
ClientSampleId :

Tgt Ion: 63 Resp: 31961

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.433 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

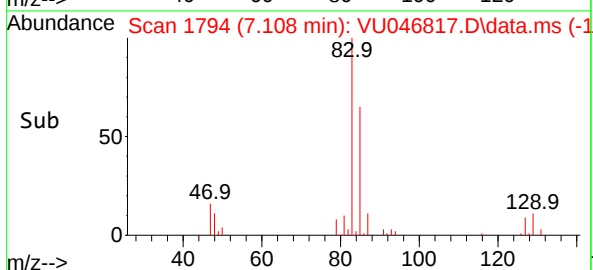
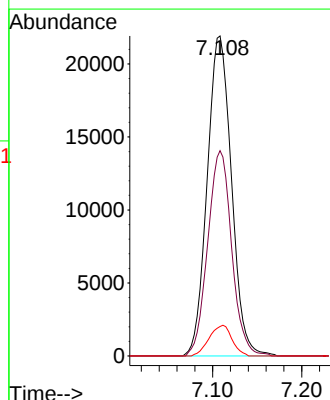
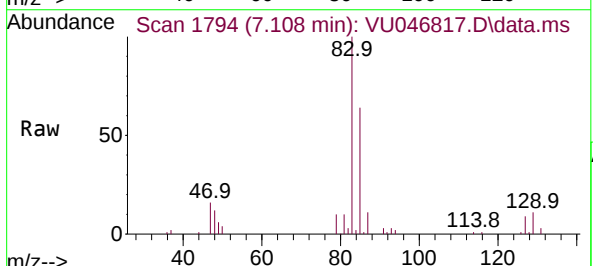
Tgt Ion: 83 Resp: 41543

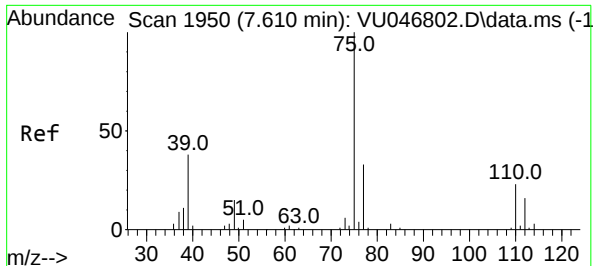
Ion Ratio Lower Upper

83 100

85 64.2 44.0 81.8

127 9.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.401 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

Instrument :

MSVOA_U

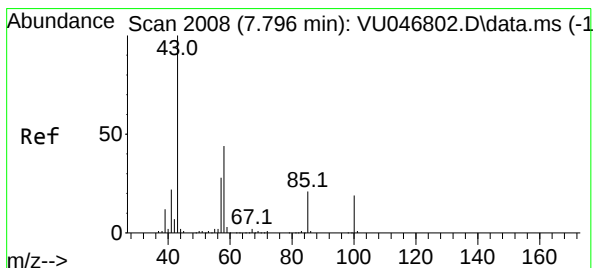
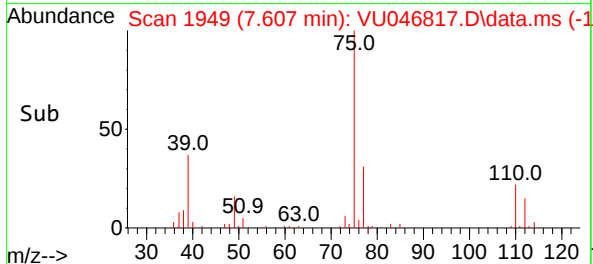
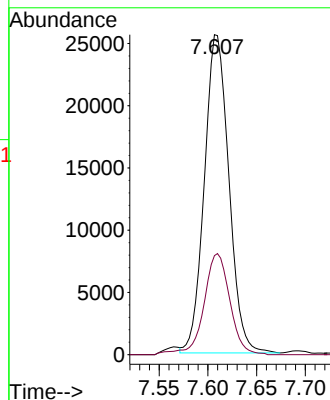
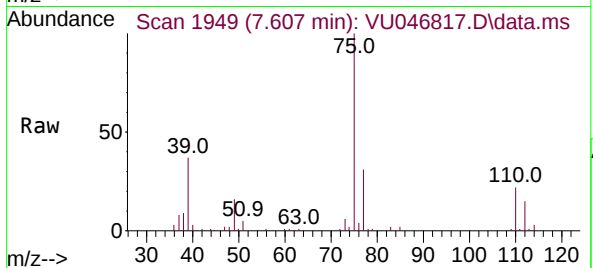
ClientSampleId :

Tgt Ion: 75 Resp: 44775

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 55.699 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

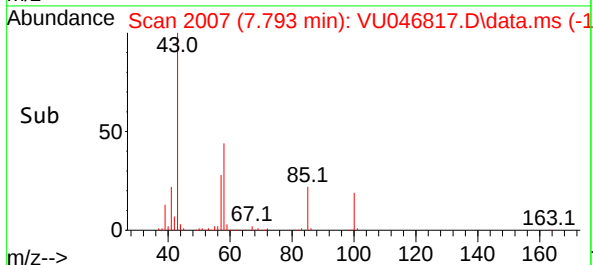
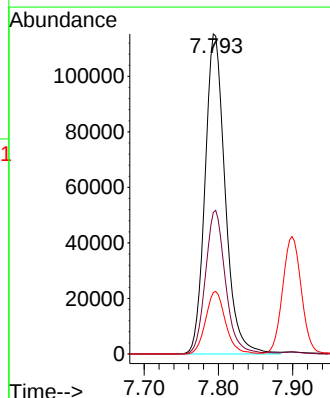
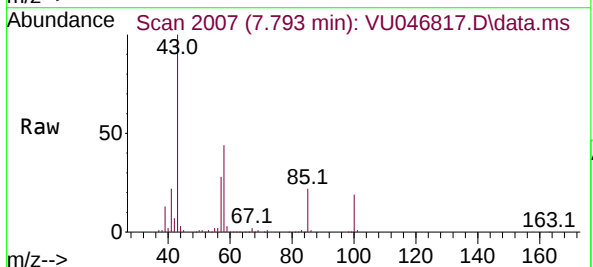
Tgt Ion: 43 Resp: 216945

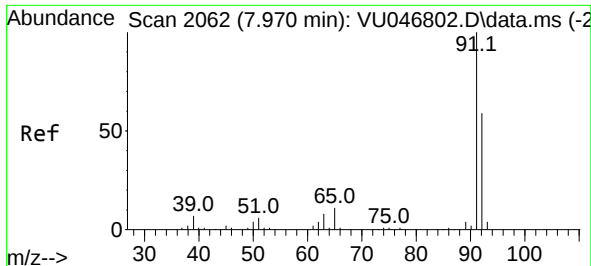
Ion Ratio Lower Upper

43 100

58 44.9 33.1 49.7

100 19.3 13.2 19.8





#42

Toluene

Concen: 5.167 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

Instrument :

MSVOA_U

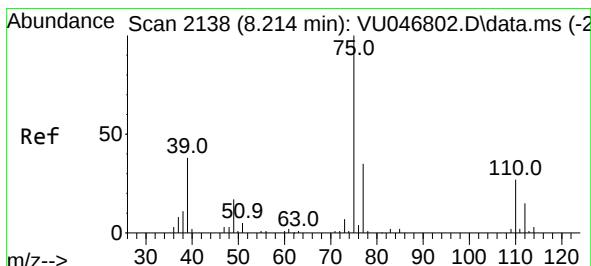
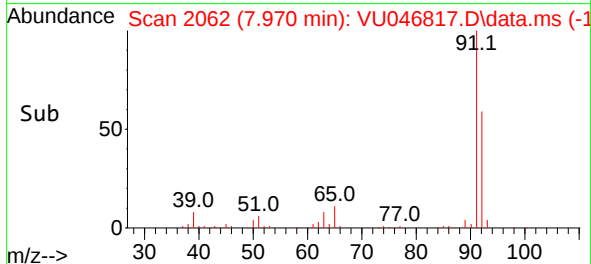
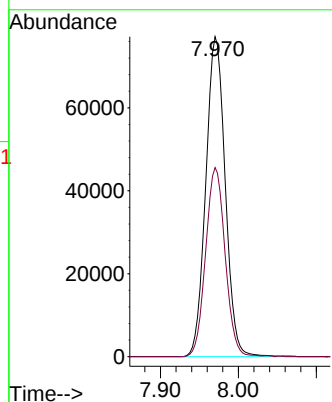
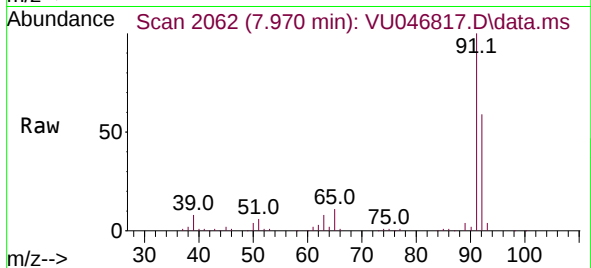
ClientSampleId :

Tgt Ion: 91 Resp: 133745

Ion Ratio Lower Upper

91 100

92 59.1 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.524 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046817.D

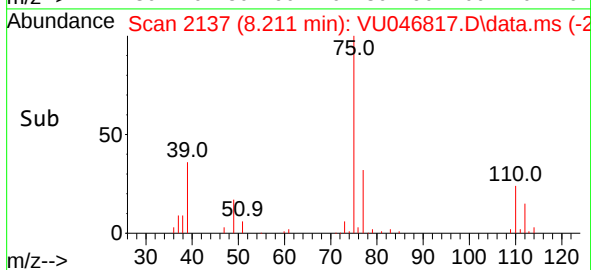
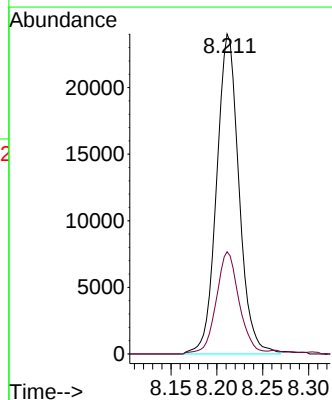
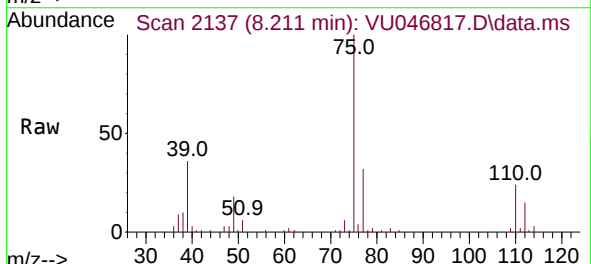
Acq: 20 Jan 2022 17:37

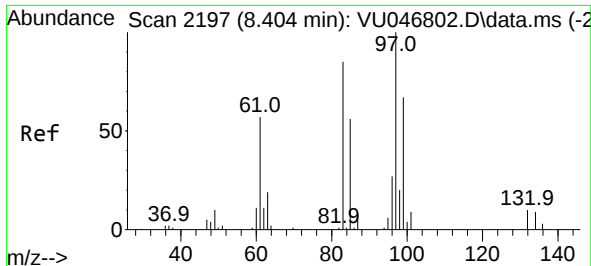
Tgt Ion: 75 Resp: 40799

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 5.748 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. -0.003 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 25981

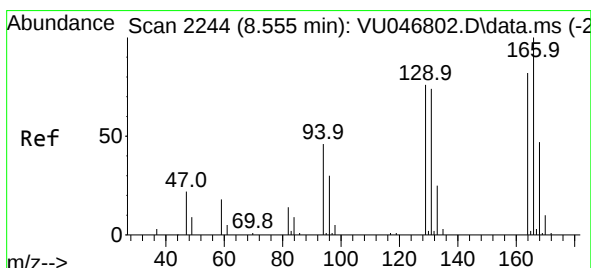
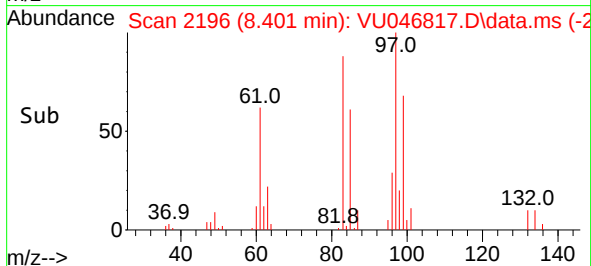
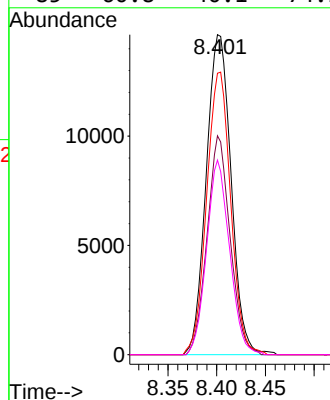
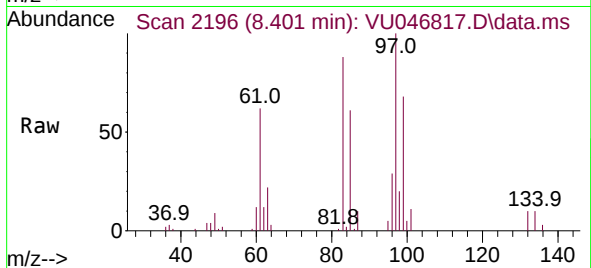
Ion Ratio Lower Upper

97 100

99 68.4 42.3 78.5

83 88.0 62.0 115.2

85 60.8 40.1 74.5



#47

Tetrachloroethene

Concen: 5.358 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

Tgt Ion:164 Resp: 24503

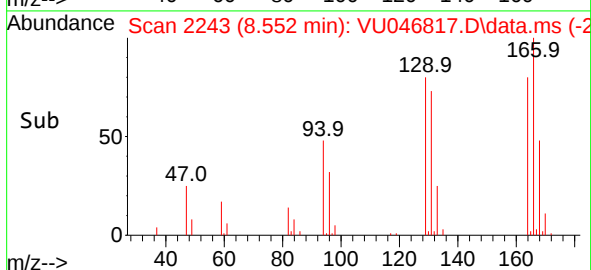
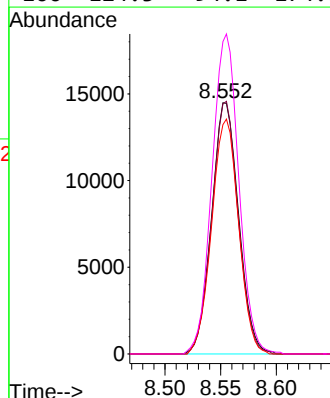
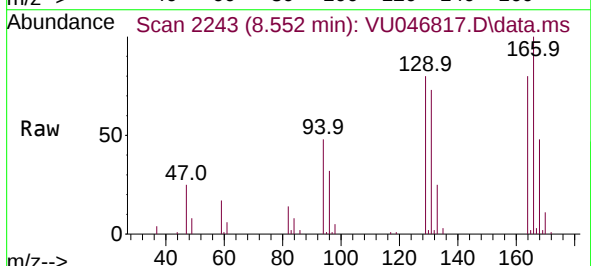
Ion Ratio Lower Upper

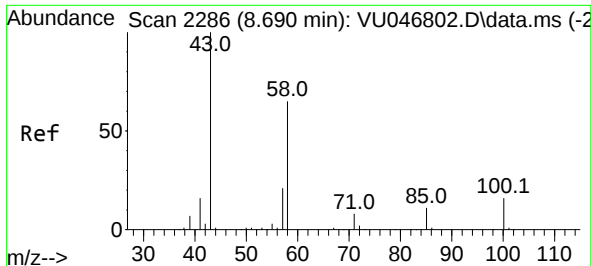
164 100

129 99.5 71.8 133.4

131 91.3 68.5 127.3

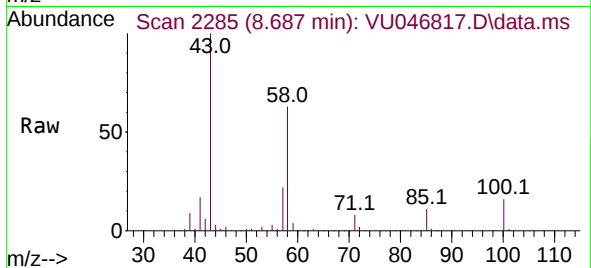
166 124.3 94.1 174.8



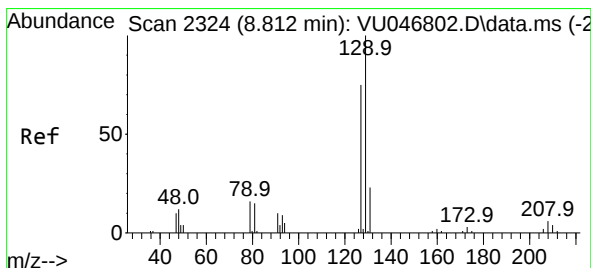
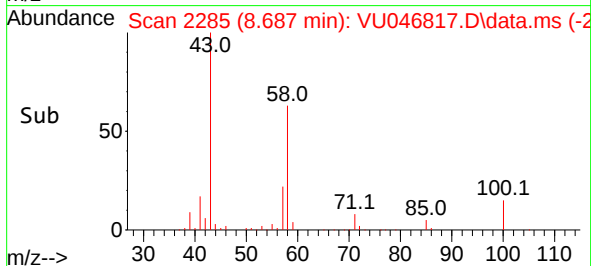
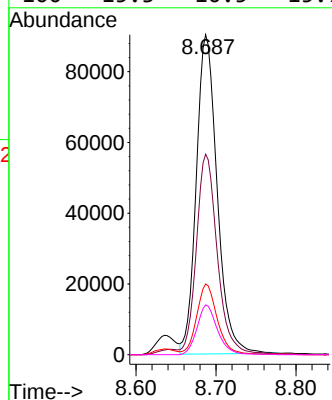


#48
2-Hexanone
Concen: 55.886 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Instrument :
MSVOA_U
ClientSampleId :

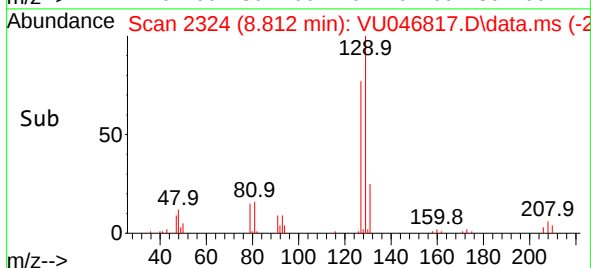
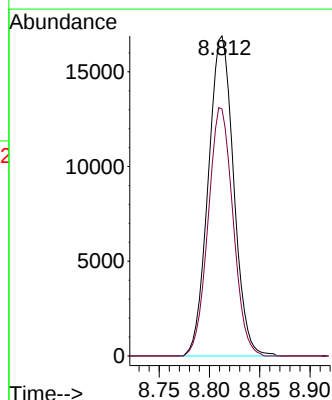
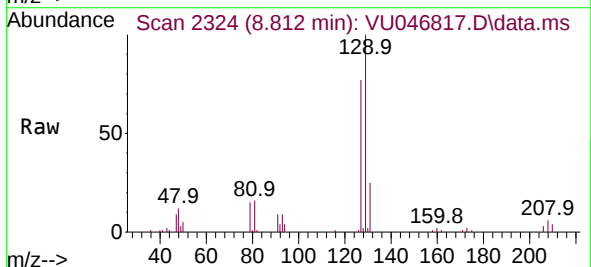


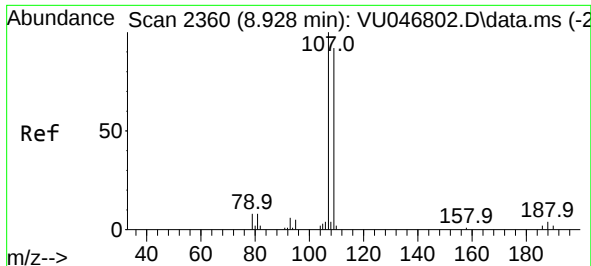
Tgt Ion:	43	Resp:	164304
Ion	Ratio	Lower	Upper
43	100		
58	63.4	46.7	70.1
57	21.7	16.3	24.5
100	15.3	10.5	15.7



#49
Dibromochloromethane
Concen: 5.576 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

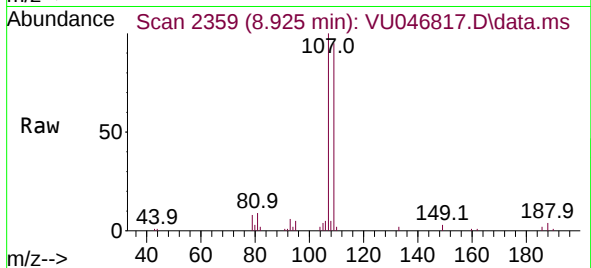
Tgt Ion:	129	Resp:	29733
Ion	Ratio	Lower	Upper
129	100		
127	77.2	55.4	102.8



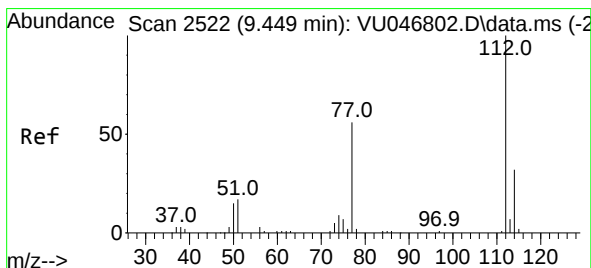
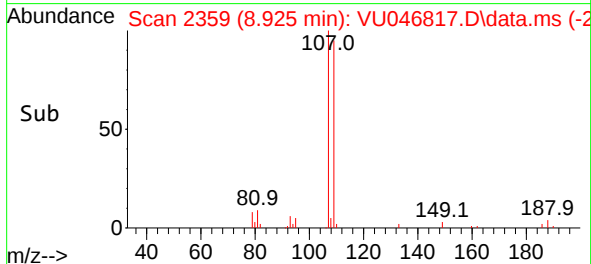
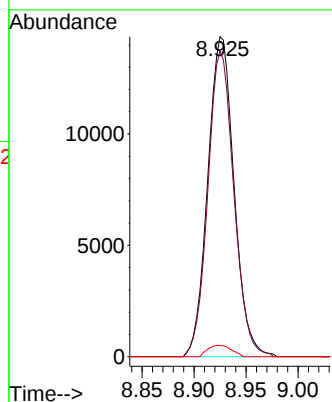


#50
1,2-Dibromoethane
Concen: 5.516 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Instrument :
MSVOA_U
ClientSampleId :

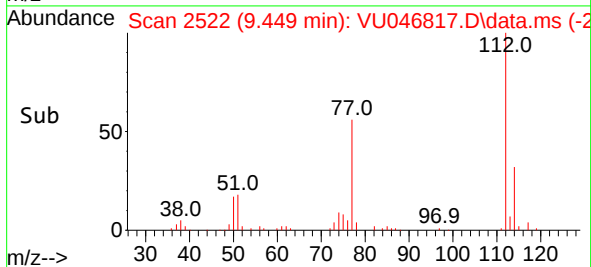
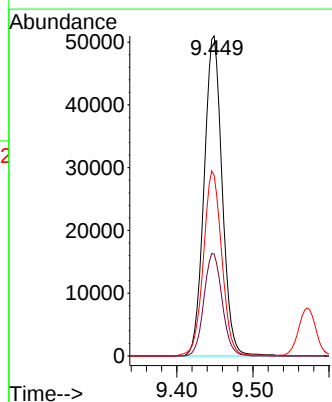
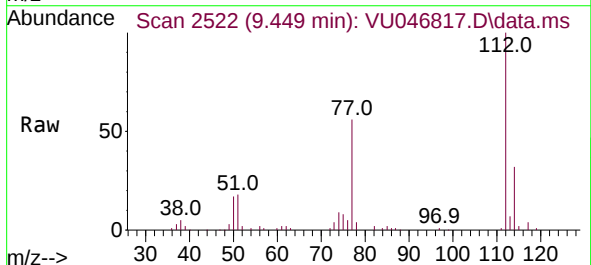


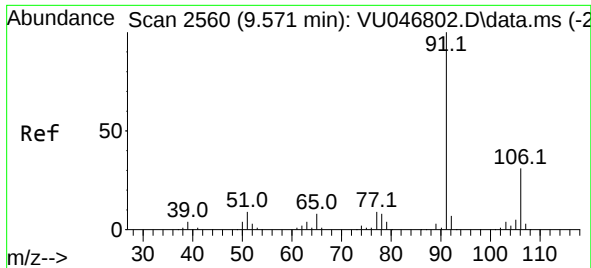
Tgt Ion:107 Resp: 25270
Ion Ratio Lower Upper
107 100
109 95.4 64.0 119.0
188 3.5 2.4 3.6



#51
Chlorobenzene
Concen: 5.597 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Tgt Ion:112 Resp: 84145
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 56.5 48.3 72.5

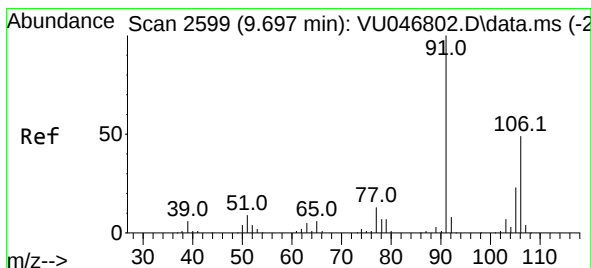
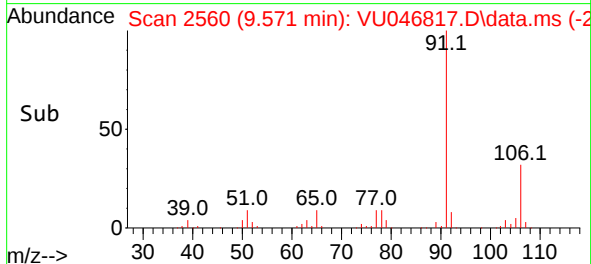
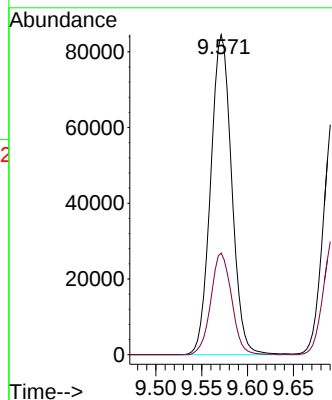
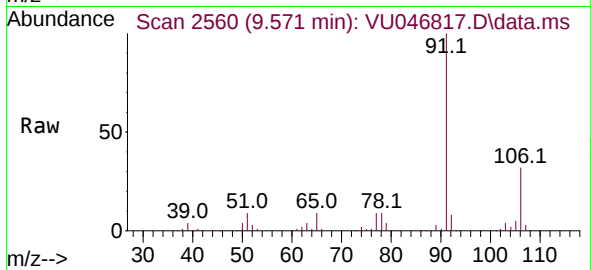




#52
Ethylbenzene
Concen: 5.478 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

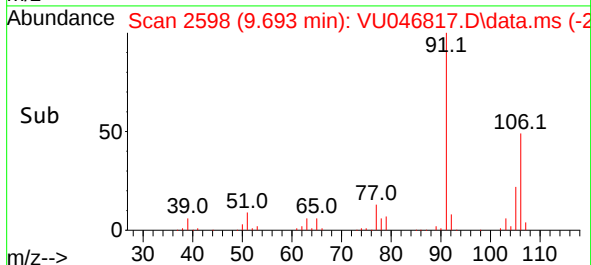
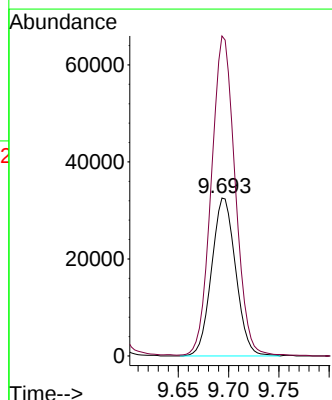
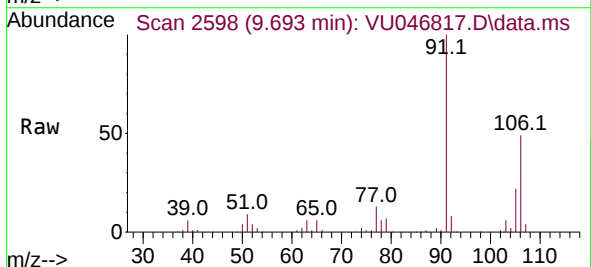
Instrument :
MSVOA_U
ClientSampleId :

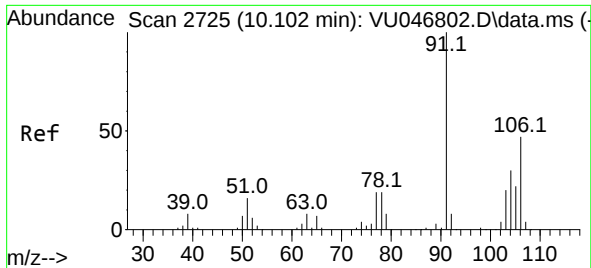
Tgt Ion: 91 Resp: 134830
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 5.529 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Tgt Ion: 106 Resp: 54241
Ion Ratio Lower Upper
106 100
91 202.7 139.4 259.0

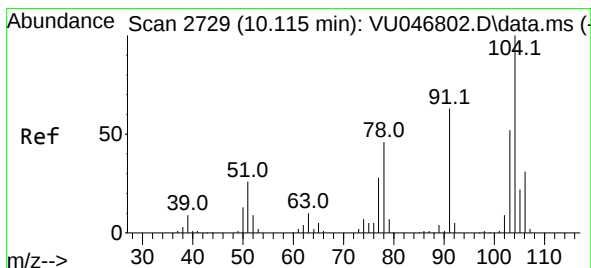
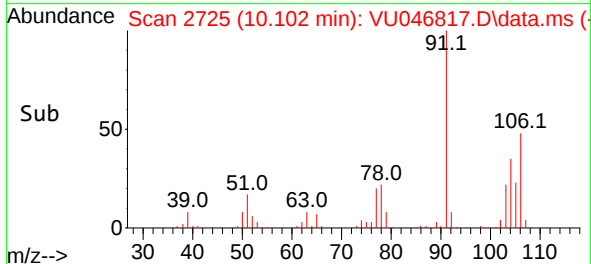
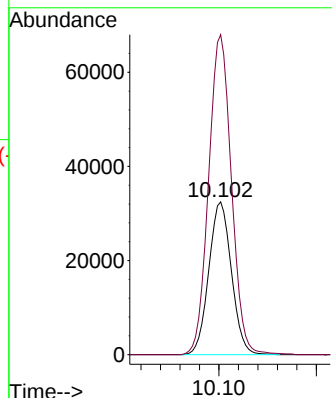
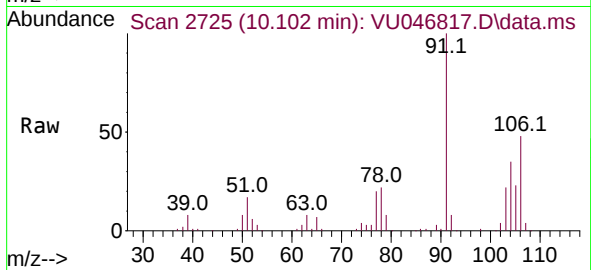




#54
o-Xylene
Concen: 5.512 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

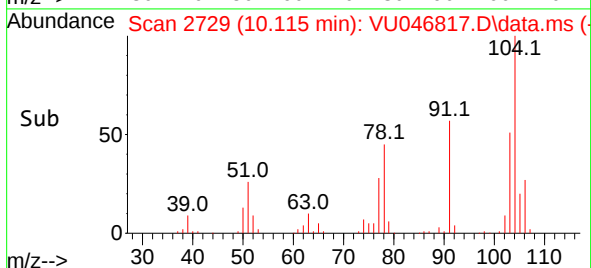
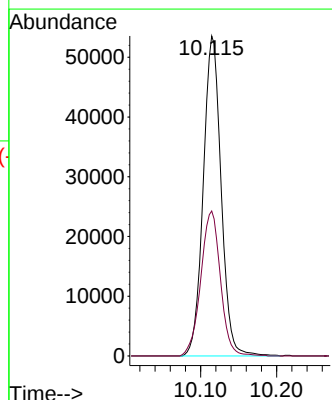
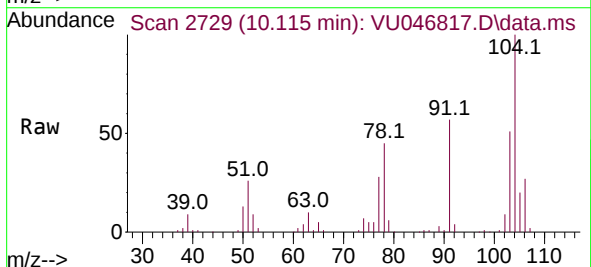
Instrument :
MSVOA_U
ClientSampleId :

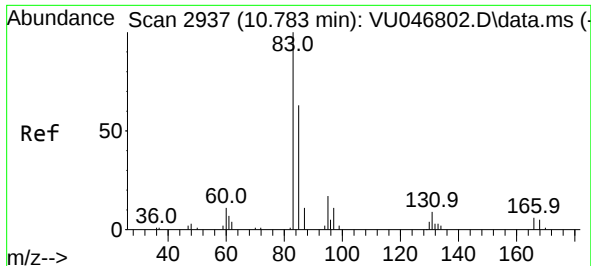
Tgt Ion:106 Resp: 52417
Ion Ratio Lower Upper
106 100
91 209.4 147.5 273.9



#55
Styrene
Concen: 5.630 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Tgt Ion:104 Resp: 87586
Ion Ratio Lower Upper
104 100
78 45.3 33.0 61.4

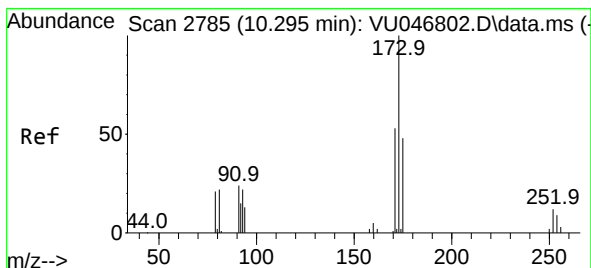
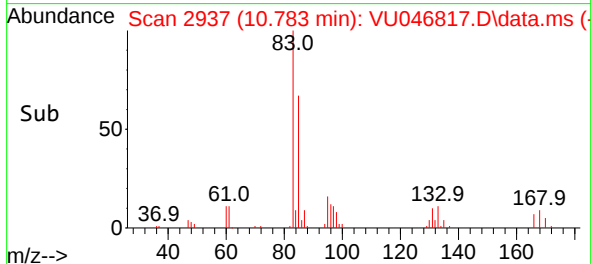
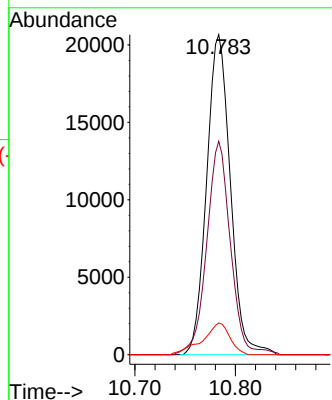
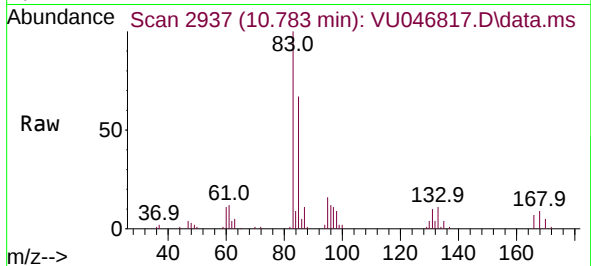




#57
1,1,2,2-Tetrachloroethane
Concen: 5.573 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

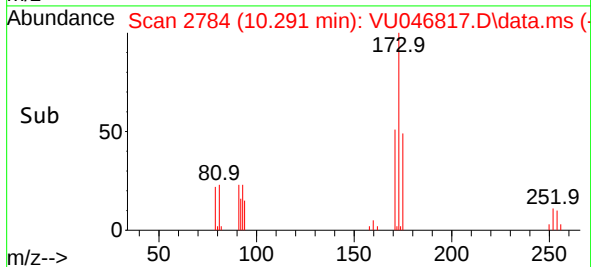
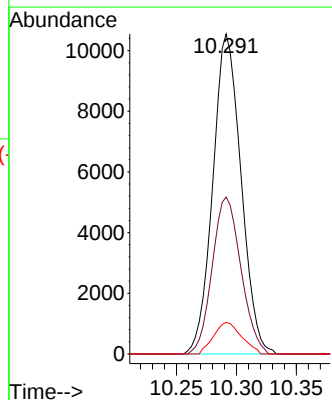
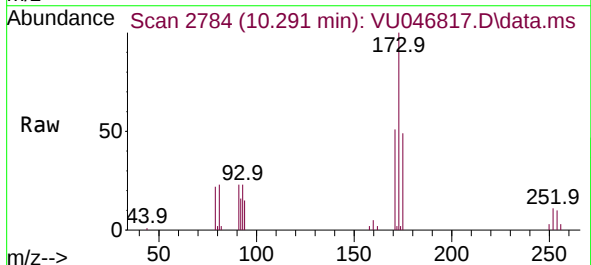
Instrument :
MSVOA_U
ClientSampleId :

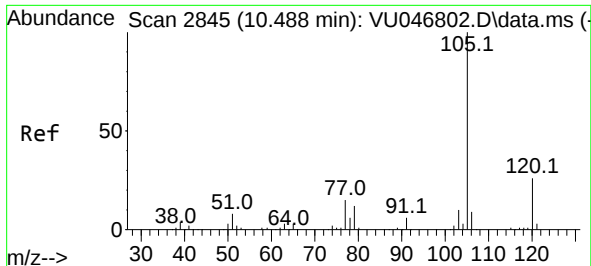
Tgt Ion: 83 Resp: 33874
Ion Ratio Lower Upper
83 100
85 66.7 47.9 89.1
131 9.9 8.1 12.1



#59
Bromoform
Concen: 5.283 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Tgt Ion: 173 Resp: 17235
Ion Ratio Lower Upper
173 100
175 49.8 37.8 56.6
254 9.8 7.3 10.9

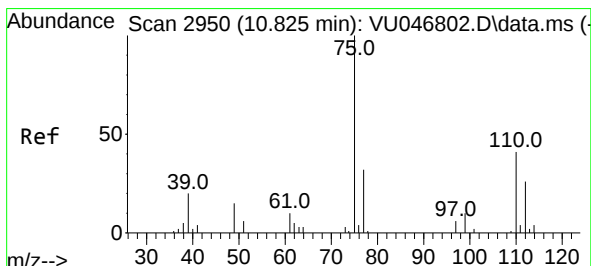
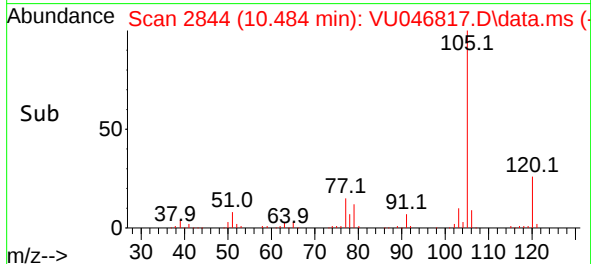
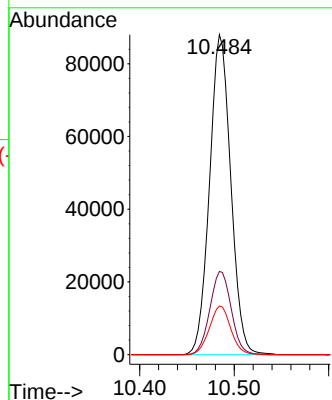
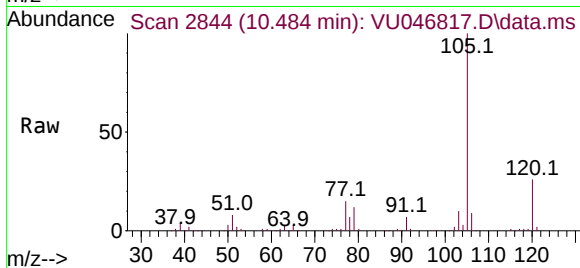




#60
Isopropylbenzene
Concen: 5.562 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

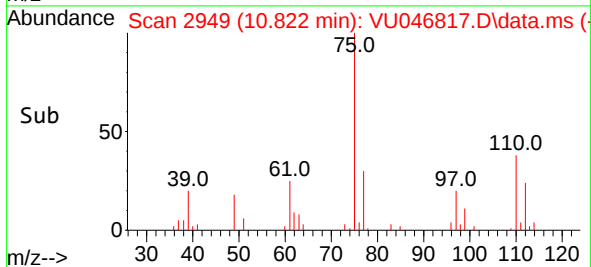
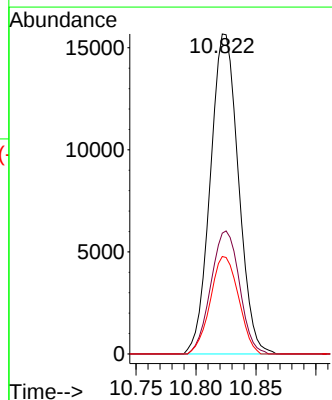
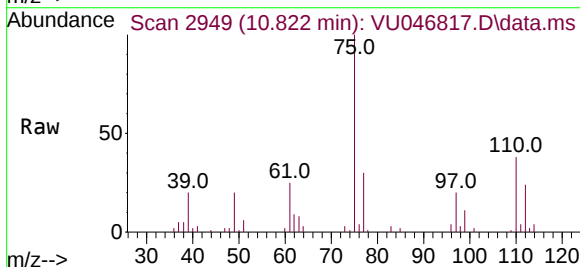
Instrument :
MSVOA_U
ClientSampleId :

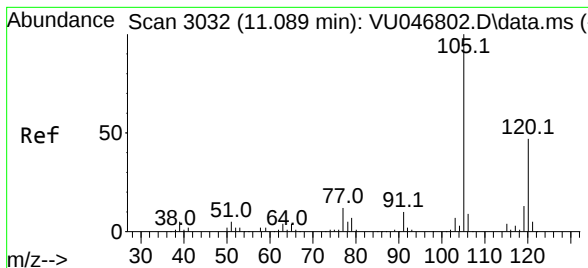
Tgt Ion:105 Resp: 137244
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.682 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Tgt Ion: 75 Resp: 25503
Ion Ratio Lower Upper
75 100
110 39.2 29.9 44.9
77 30.6 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.372 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

Instrument :

MSVOA_U

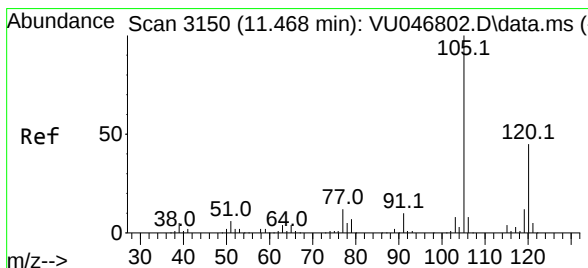
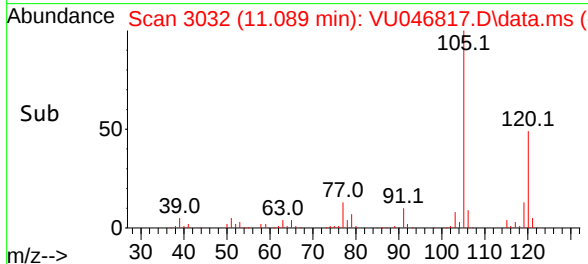
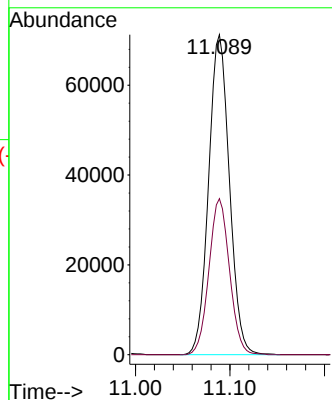
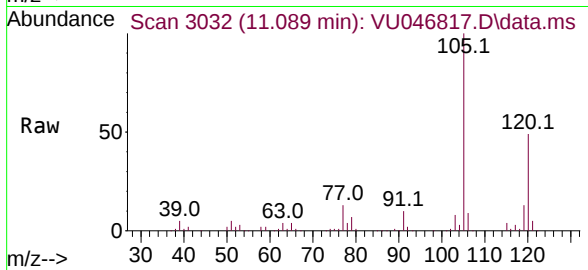
ClientSampleId :

Tgt Ion:105 Resp: 108809

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.404 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU046817.D

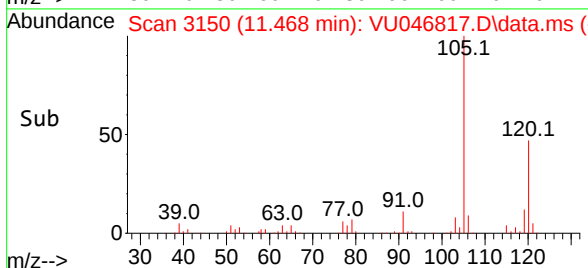
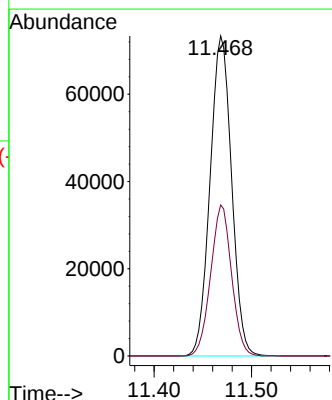
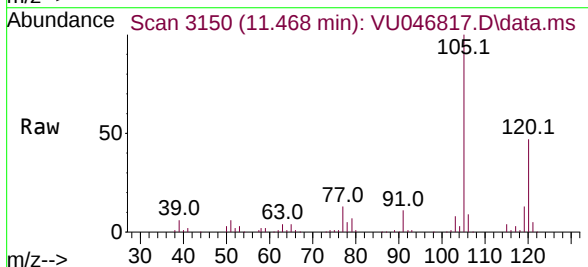
Acq: 20 Jan 2022 17:37

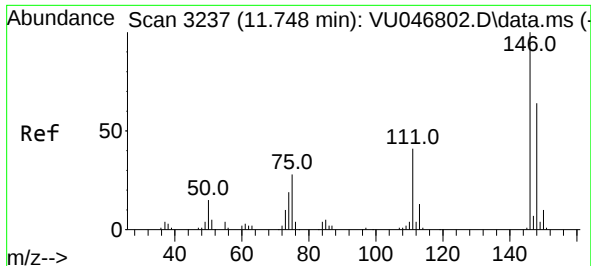
Tgt Ion:105 Resp: 112634

Ion Ratio Lower Upper

105 100

120 45.6 35.8 53.8

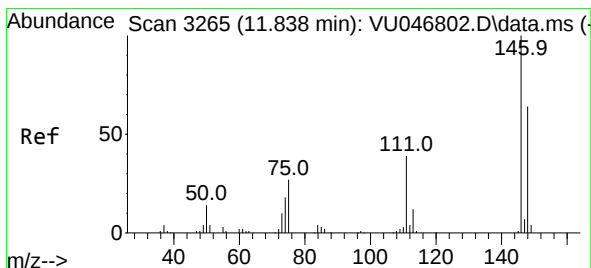
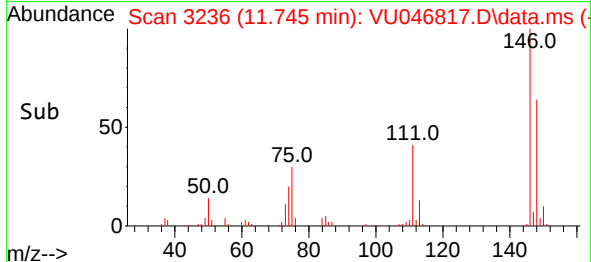
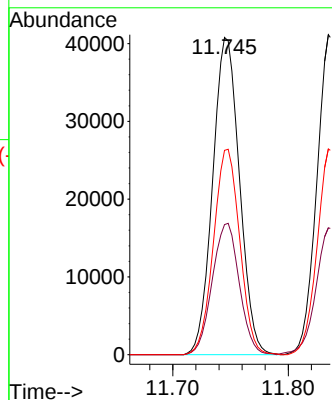
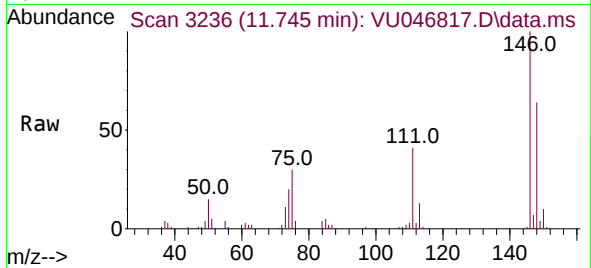




#64
1,3-Dichlorobenzene
Concen: 5.337 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

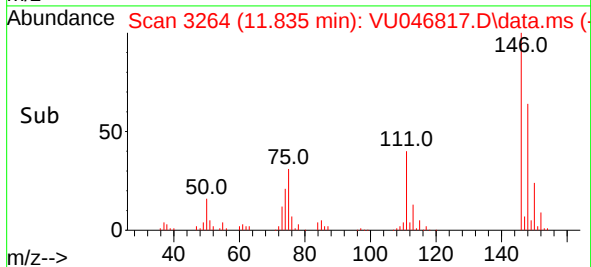
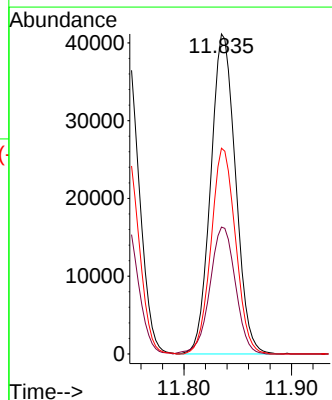
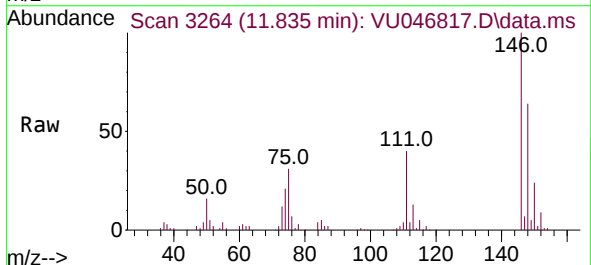
Instrument :
MSVOA_U
ClientSampleId :

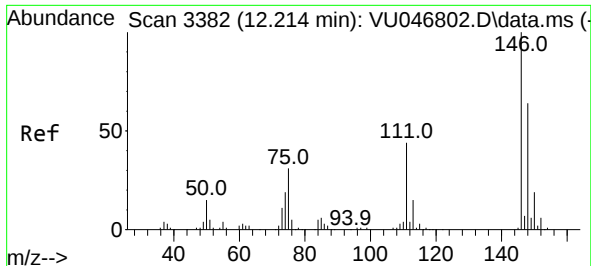
Tgt Ion:146 Resp: 65823
Ion Ratio Lower Upper
146 100
111 41.0 29.9 55.5
148 64.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.325 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

Tgt Ion:146 Resp: 66097
Ion Ratio Lower Upper
146 100
111 39.6 28.7 53.3
148 64.3 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.372 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046817.D

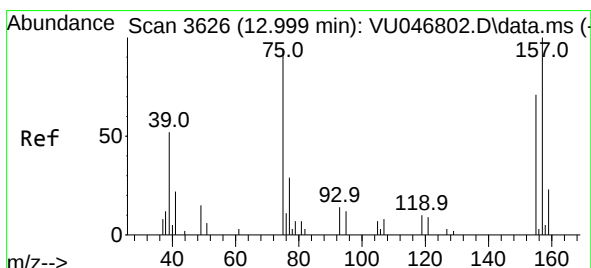
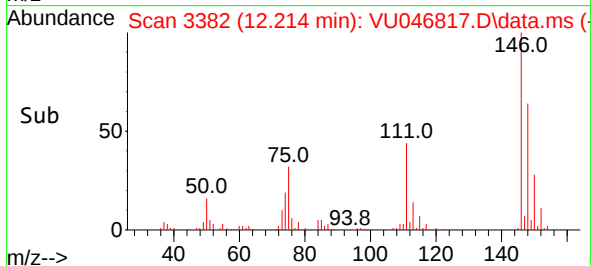
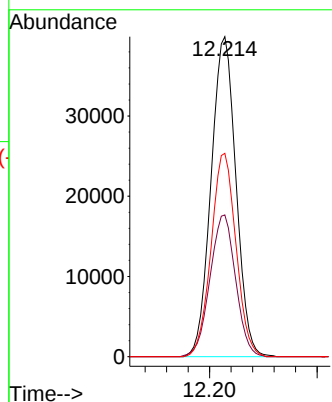
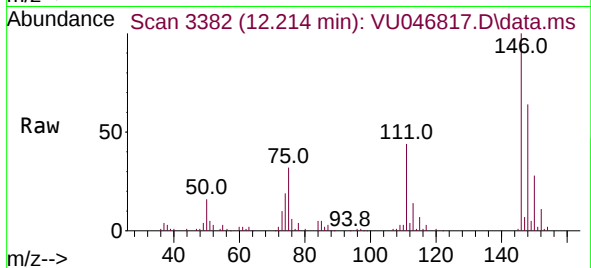
Acq: 20 Jan 2022 17:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	64090
Ion Ratio	Lower	Upper
146	100	
111	44.3	35.4 53.0
148	63.5	51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.617 ug/L

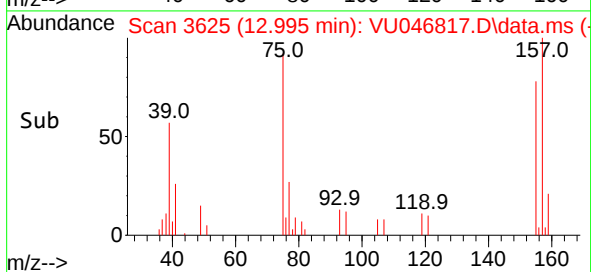
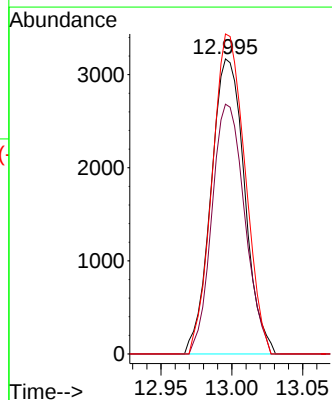
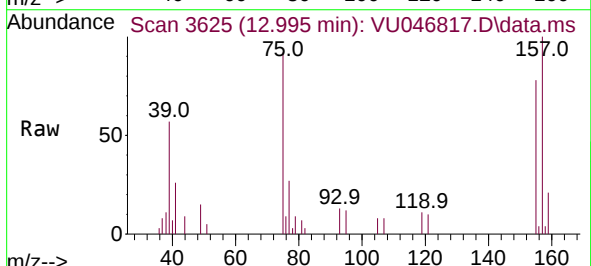
RT: 12.995 min Scan# 3625

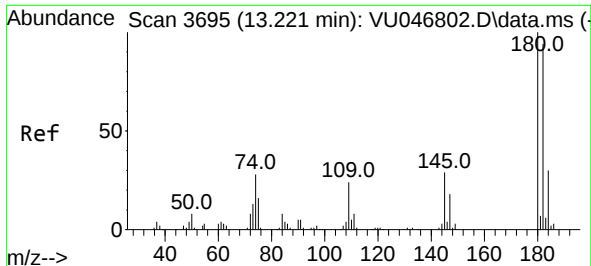
Delta R.T. -0.003 min

Lab File: VU046817.D

Acq: 20 Jan 2022 17:37

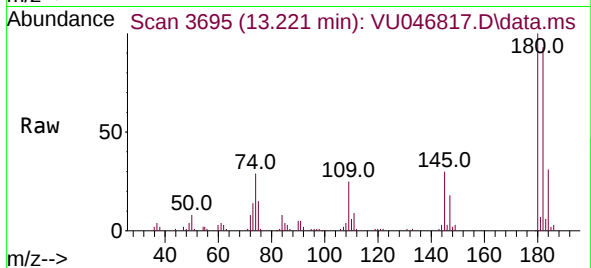
Tgt Ion: 75	Resp:	5233
Ion Ratio	Lower	Upper
75	100	
155	84.6	59.2 88.8
157	108.5	76.5 114.7



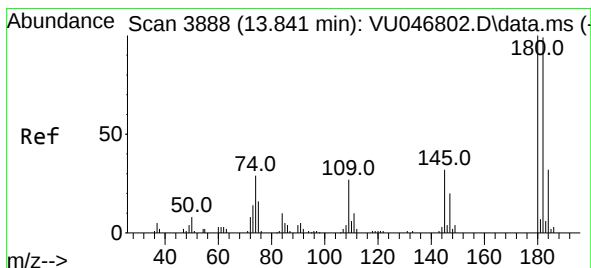
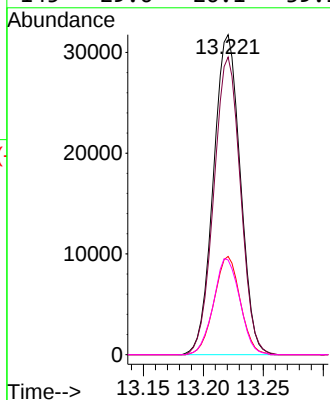
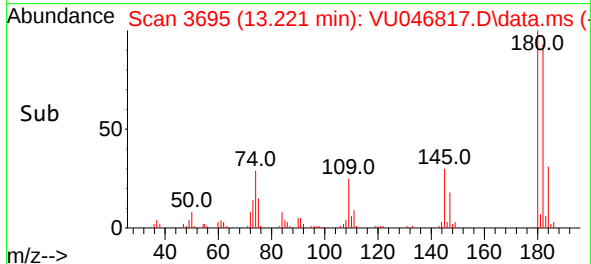


#69
 1,3,5-Trichlorobenzene
 Concen: 5.077 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046817.D
 Acq: 20 Jan 2022 17:37

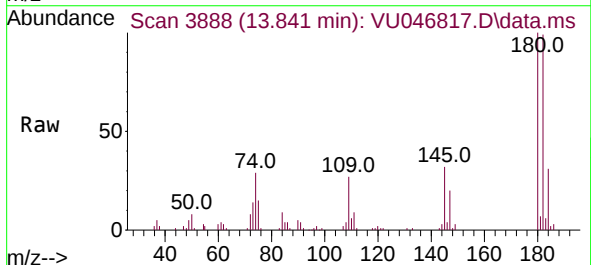
Instrument :
 MSVOA_U
 ClientSampleId :



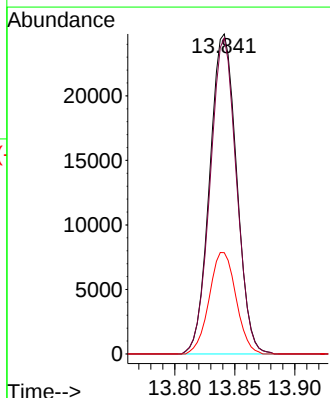
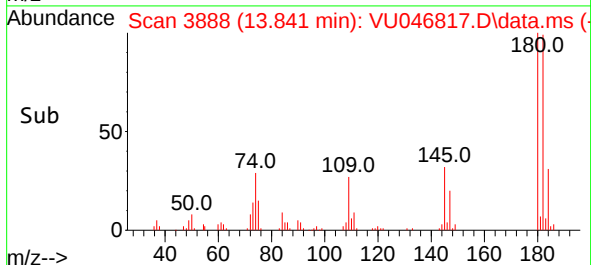
Tgt Ion:180 Resp: 49371
 Ion Ratio Lower Upper
 180 100
 182 92.3 76.1 114.1
 184 30.0 25.0 37.4
 145 29.6 26.1 39.1

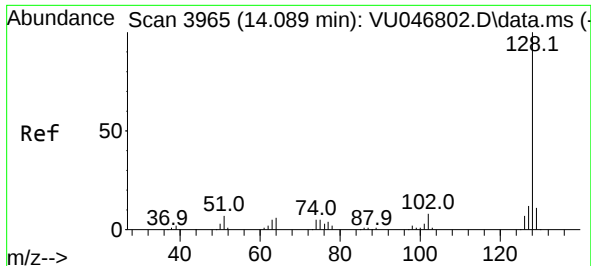


#70
 1,2,4-trichlorobenzene
 Concen: 4.750 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046817.D
 Acq: 20 Jan 2022 17:37



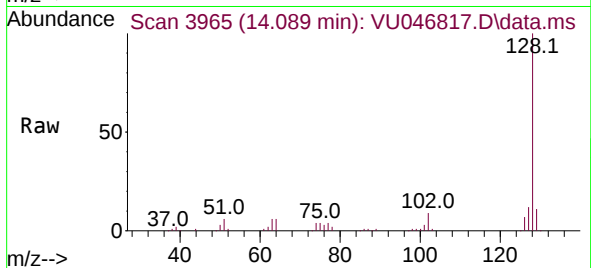
Tgt Ion:180 Resp: 38619
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.4 114.6
 145 31.6 25.6 38.4



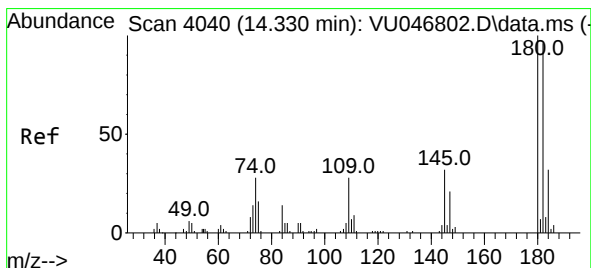
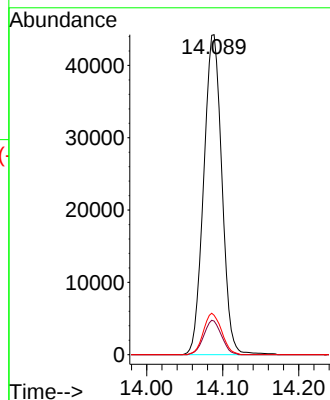
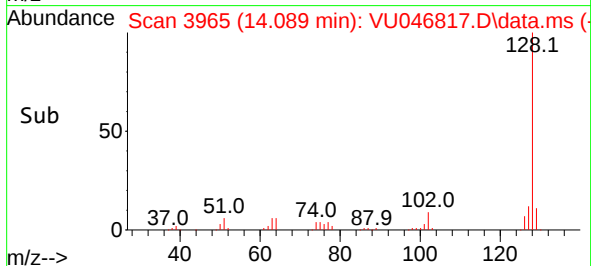


#71
Naphthalene
Concen: 4.449 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37

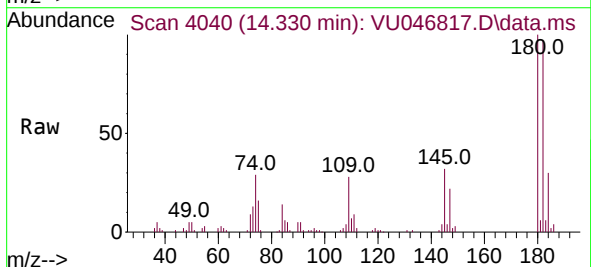
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 73636
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.088 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046817.D
Acq: 20 Jan 2022 17:37



Tgt Ion:180 Resp: 39074
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.4
145 32.3 28.4 42.6

